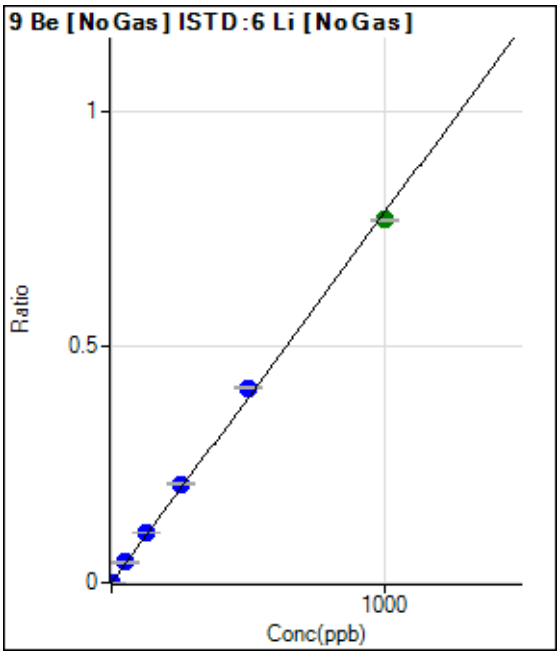
Batch Folder: D:\Agilent\ICPMH\1\DATA\P7082024 MS.b\
Analysis File: P7082024 MS.batch.bin
DA Date-Time: 2024-08-20 17:32:07
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

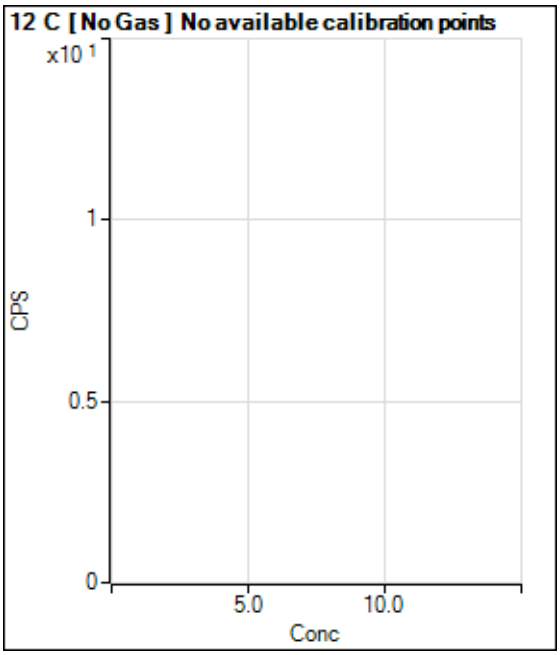
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-08-20 14:56:38
2	005CALS.d	S02	2024-08-20 14:59:56
3	006CALS.d	S03	2024-08-20 15:03:14
4	007CALS.d	S04	2024-08-20 15:06:18
5	008CALS.d	S05	2024-08-20 15:09:14
6	009CALS.d	S06	2024-08-20 15:12:03
7	010CALS.d	S07	2024-08-20 15:14:50
8	011CALS.d	S08	2024-08-20 15:17:35



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	88.1
2	☐	1.000	1.064	1434.52	0.0008	P	5.0
3	☐	50.000	54.721	74086.63	0.0429	P	2.2
4	☐	125.000	135.310	187903.58	0.1060	P	1.7
5	☐	250.000	267.037	390410.89	0.2093	P	1.5
6	☐	500.000	526.863	785282.82	0.4129	P	1.6
7	☐	1000.000	980.784	1511926.91	0.7686	A	0.5
8	☐			275.56	0.0001	P	32.4

y = 7.8367E-004 * x + 6.0332E-006
R = 0.9993
DL = 0.02034
BEC = 0.007699

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
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6	☐						
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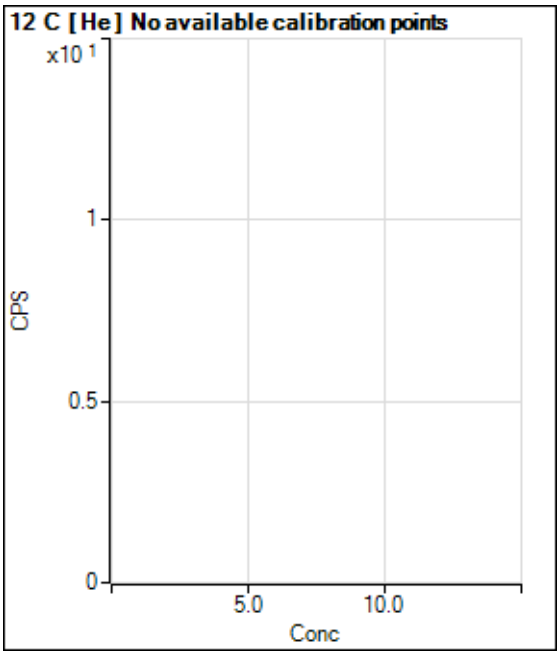

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
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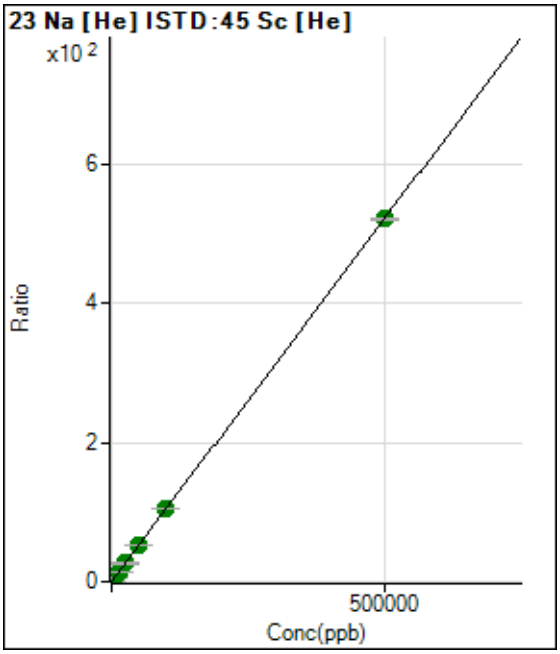
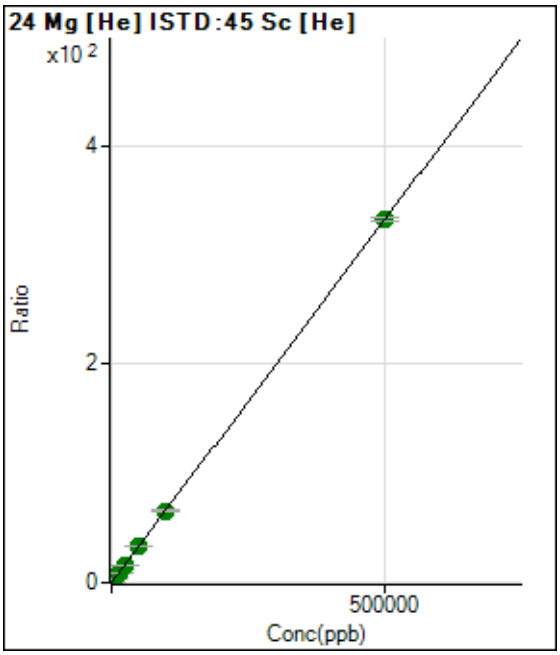
8	☐						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13947.49	0.0285	P	1.2
2	☐	500.000	504.926	280227.06	0.5552	P	0.5
3	☐	5000.000	4996.378	2563827.27	5.2406	A	1.0
4	☐	12500.000	12645.040	6224120.67	13.2196	A	2.1
5	☐	25000.000	25148.950	12310874.81	26.2636	A	0.5
6	☐	50000.000	50388.350	23658429.93	52.5930	A	0.5
7	☐	100000.00	100441.89	46557715.97	104.8084	A	0.9
8	☐	500000.00	499861.74	239433985.3	521.4788	A	0.3

y = 0.0010 * x + 0.0285
R = 1.0000
DL = 0.9969
BEC = 27.29

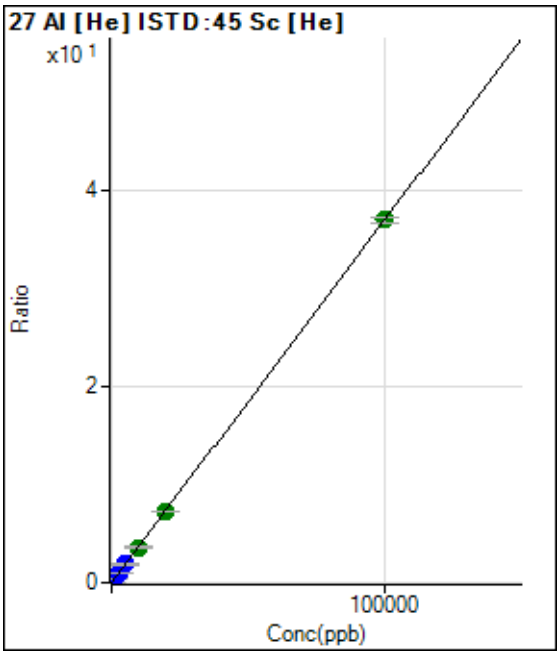
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	321.12	0.0007	P	11.2
2	☐	500.000	500.097	168057.91	0.3330	P	0.4
3	☐	5000.000	4931.120	1603311.59	3.2773	A	0.6
4	☐	12500.000	12611.507	3945502.51	8.3808	A	2.8
5	☐	25000.000	24912.564	7759794.88	16.5546	A	0.4
6	☐	50000.000	50166.984	14994289.77	33.3358	A	1.2
7	☐	100000.00	99105.694	29253791.79	65.8547	A	1.0
8	☐	500000.00	500164.43	152593526.6	332.3513	A	1.2

y = 6.6448E-004 * x + 6.5499E-004
R = 1.0000
DL = 0.3308
BEC = 0.9857

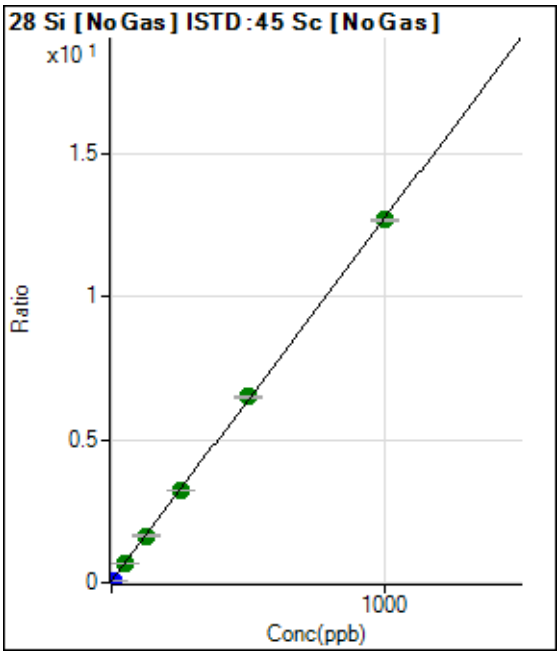
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	140.00	0.0003	P	12.7
2	☐	20.000	19.459	3772.72	0.0075	P	4.3
3	☐	1000.000	1010.206	182766.95	0.3736	P	0.3
4	☐	2500.000	2564.091	446140.27	0.9478	P	3.6
5	☐	5000.000	5055.024	875753.77	1.8683	P	0.7
6	☐	10000.000	9777.308	1625286.66	3.6134	A	1.4
7	☐	20000.000	19546.699	3208940.96	7.2236	A	1.1
8	☐	100000.00	100108.47	16985413.22	36.9947	A	1.5

y = 3.6954E-004 * x + 2.8596E-004
R = 1.0000
DL = 0.2952
BEC = 0.7738

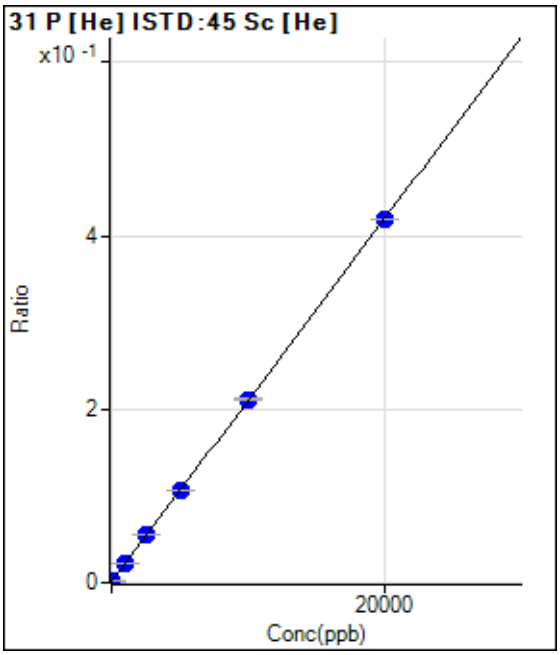
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	344662.59	0.0579	P	0.9
2	☐	10.000	0.218	364697.80	0.0607	P	0.3
3	☐	50.000	49.734	4151904.70	0.6887	A	1.9
4	☐	125.000	123.897	9790118.54	1.6292	A	2.4
5	☐	250.000	249.489	19372044.57	3.2220	A	0.4
6	☐	500.000	508.279	38641406.65	6.5041	A	1.2
7	☐	1000.000	996.237	75270669.43	12.6925	A	0.6
8	☐			486176.07	0.0840	P	1.5

y = 0.0127 * x + 0.0579
R = 0.9999
DL = 0.1254
BEC = 4.569

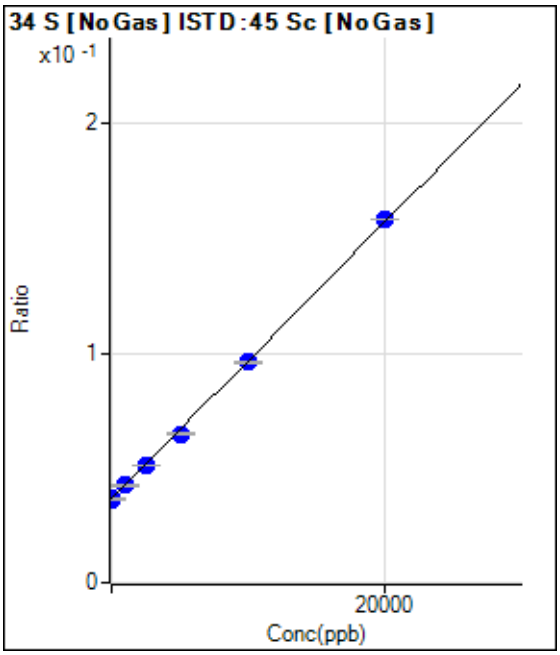
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-15.350	305.56	0.0006	P	7.9
2	☐	0.000	15.350	638.91	0.0013	P	5.4
3	☐	1000.000	1010.184	10801.65	0.0221	P	2.8
4	☐	2500.000	2590.016	25957.63	0.0551	P	2.4
5	☐	5000.000	5043.009	49898.80	0.1065	P	1.2
6	☐	10000.000	10069.333	95185.87	0.2116	P	1.1
7	☐	20000.000	19942.820	185774.88	0.4182	P	0.1
8	☐			332.23	0.0007	P	14.4

y = 2.0922E-005 * x + 9.4454E-004
R = 1.0000
DL = 8.456
BEC = 45.14

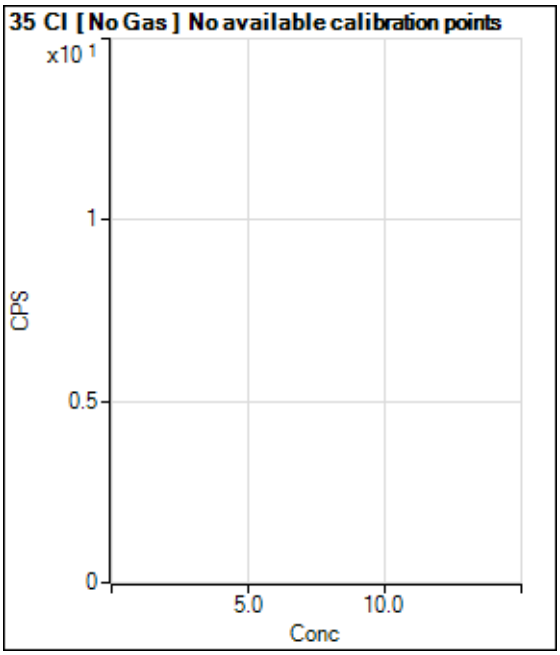
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	25.152	217871.83	0.0366	P	1.1
2	☐	0.000	-25.152	218191.67	0.0363	P	1.2
3	☐	1000.000	996.749	256141.00	0.0425	P	1.1
4	☐	2500.000	2378.722	305411.09	0.0508	P	0.1
5	☐	5000.000	4705.101	389896.11	0.0648	P	0.3
6	☐	10000.000	9862.436	570035.56	0.0959	P	1.1
7	☐	20000.000	20157.829	937162.02	0.1580	P	0.2
8	☐			171645.24	0.0297	P	2.0

y = 6.0299E-006 * x + 0.0365
R = 0.9998
DL = 208.9
BEC = 6049

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
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6	☐						
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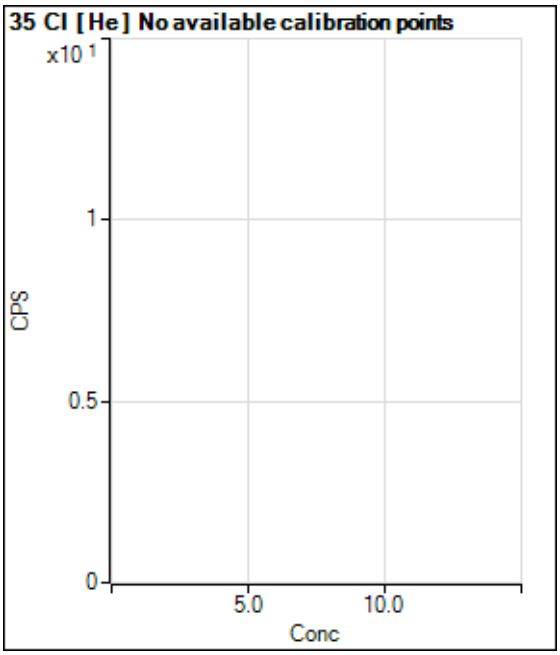
8	☐						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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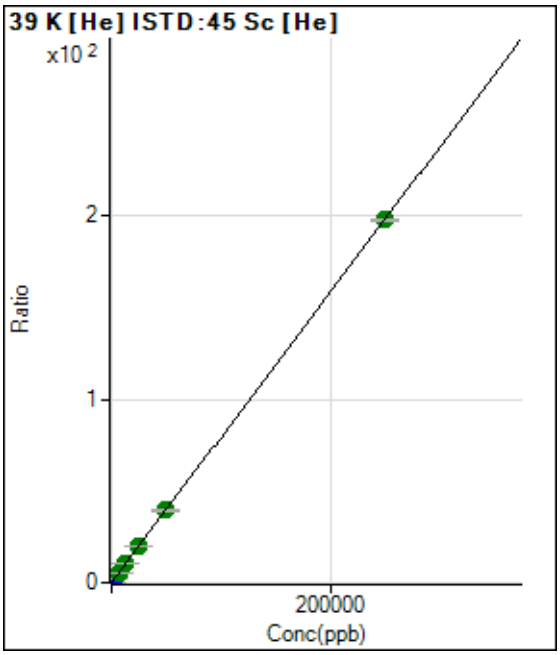
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56921.68	0.1162	P	1.5
2	☐	500.000	513.933	263851.01	0.5227	P	0.4
3	☐	2500.000	2697.421	1100728.86	2.2501	P	0.5
4	☐	6250.000	6427.705	2448535.71	5.2010	A	2.6
5	☐	12500.000	12577.806	4718456.67	10.0662	A	0.7
6	☐	25000.000	24715.043	8846469.04	19.6677	A	1.4
7	☐	50000.000	49636.633	17494725.57	39.3827	A	0.4
8	☐	250000.00	250090.83	90893208.65	197.9579	A	0.8

y = 7.9108E-004 * x + 0.1162

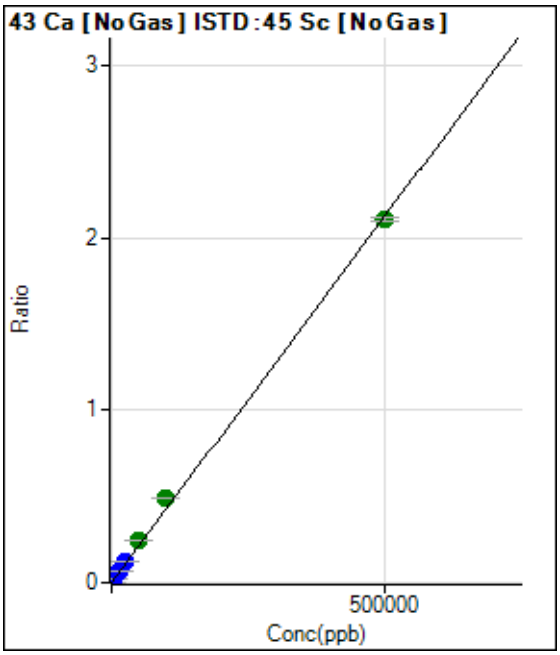
R = 1.0000

DL = 6.392

BEC = 146.9

Weight: <None>

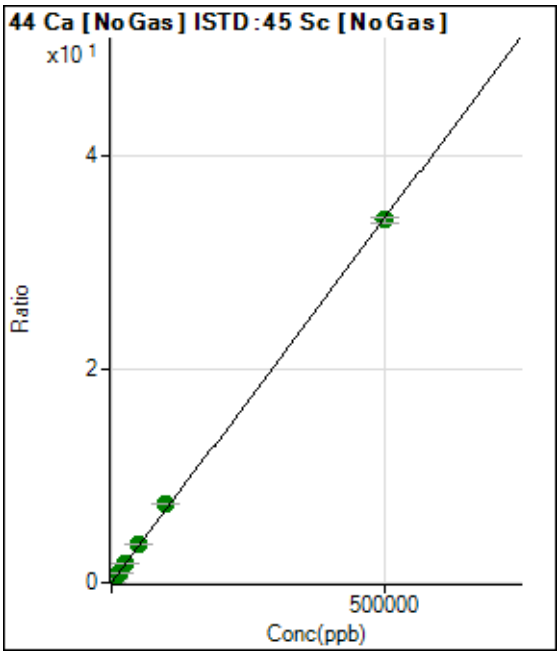
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	450.01	0.0001	P	9.9
2	☐	500.000	523.221	13789.67	0.0023	P	1.0
3	☐	5000.000	5988.343	153630.93	0.0255	P	0.6
4	☐	12500.000	15186.561	387635.32	0.0645	P	1.8
5	☐	25000.000	29991.792	765521.32	0.1273	P	0.6
6	☐	50000.000	58061.940	1464053.92	0.2464	A	0.3
7	☐	100000.00	116377.85	2928619.92	0.4938	A	0.3
8	☐	500000.00	495591.57	12171522.87	2.1027	A	1.0

y = 4.2427E-006 * x + 7.5666E-005
R = 0.9994
DL = 5.319
BEC = 17.83

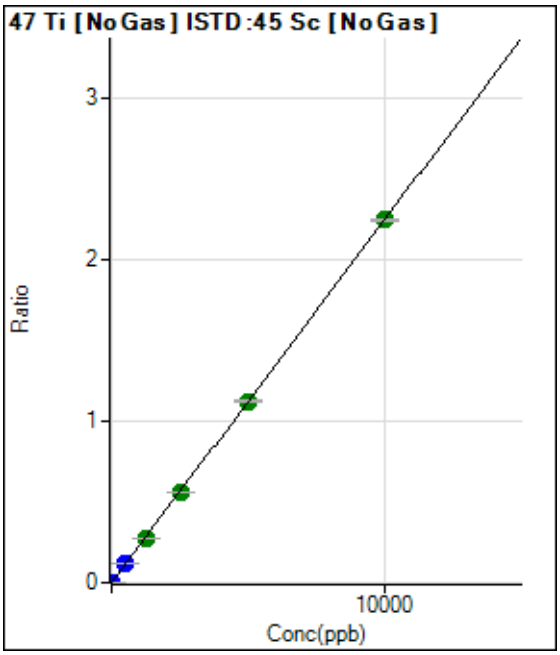
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13383.65	0.0023	P	3.9
2	☐	500.000	529.366	230593.01	0.0384	P	0.3
3	☐	5000.000	5371.452	2224204.74	0.3689	A	0.4
4	☐	12500.000	13386.717	5504671.93	0.9161	A	2.6
5	☐	25000.000	26724.471	10982152.48	1.8266	A	0.2
6	☐	50000.000	53779.301	21825762.73	3.6735	A	0.5
7	☐	100000.00	107338.94	43468257.13	7.3297	A	0.8
8	☐	500000.00	498042.14	196799641.5	34.0008	A	1.3

y = 6.8264E-005 * x + 0.0023
R = 0.9999
DL = 3.905
BEC = 32.97

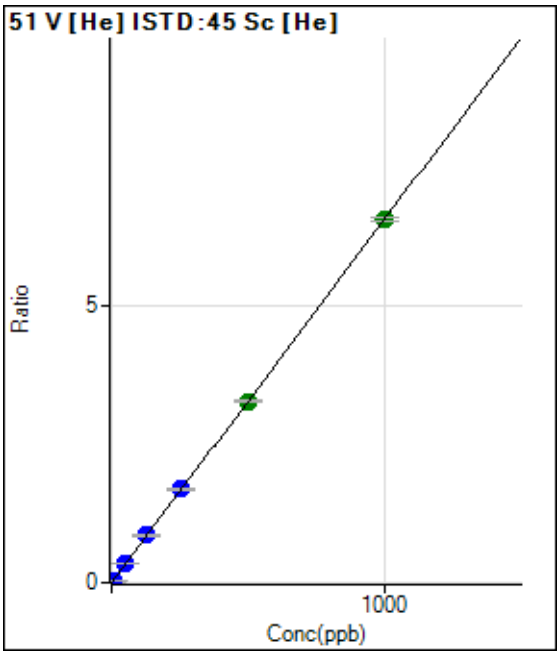
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	135.56	0.0000	P	14.1
2	☐	5.000	4.478	6166.87	0.0010	P	0.7
3	☐	500.000	509.454	688613.11	0.1142	P	0.4
4	☐	1250.000	1237.461	1667078.99	0.2774	A	0.8
5	☐	2500.000	2501.426	3371384.15	0.5607	A	0.1
6	☐	5000.000	4999.837	6659200.81	1.1208	A	0.8
7	☐	10000.000	10000.820	13294566.19	2.2418	A	0.8
8	☐			3070.34	0.0005	P	3.5

y = 2.2416E-004 * x + 2.2802E-005
R = 1.0000
DL = 0.0429
BEC = 0.1017

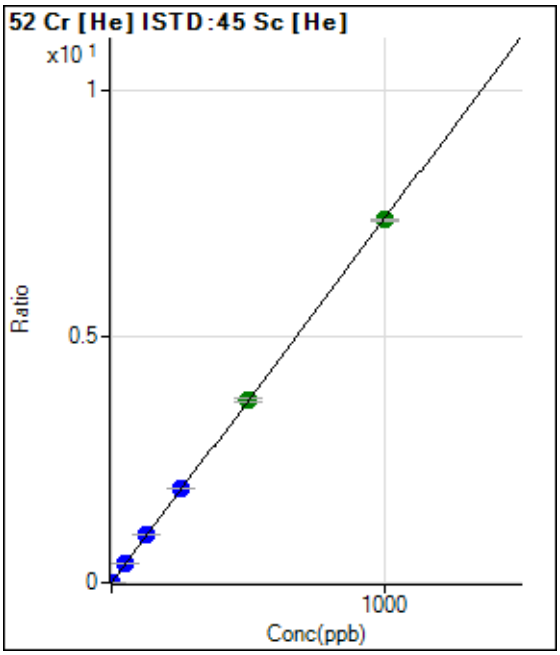
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	22.4
2	☐	5.000	4.883	16183.23	0.0321	P	1.0
3	☐	50.000	50.878	163336.41	0.3339	P	1.2
4	☐	125.000	130.695	403772.92	0.8577	P	2.6
5	☐	250.000	257.234	791259.45	1.6881	P	0.5
6	☐	500.000	498.056	1470217.49	3.2684	A	1.3
7	☐	1000.000	998.408	2910483.01	6.5519	A	1.0
8	☐			1100.05	0.0024	P	8.4

y = 0.0066 * x + 1.8171E-005
R = 1.0000
DL = 0.001864
BEC = 0.002769

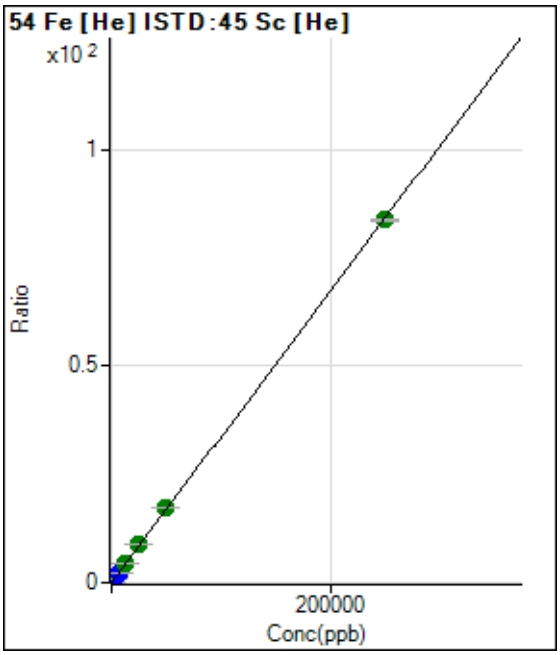
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	730.03	0.0015	P	5.3
2	☐	2.000	1.982	8137.81	0.0161	P	1.0
3	☐	50.000	51.714	187458.86	0.3832	P	0.4
4	☐	125.000	132.212	460205.94	0.9773	P	1.3
5	☐	250.000	259.573	898754.44	1.9174	P	0.0
6	☐	500.000	499.692	1659536.24	3.6896	A	2.0
7	☐	1000.000	996.774	3268861.30	7.3585	A	0.8
8	☐			17476.87	0.0381	P	1.2

y = 0.0074 * x + 0.0015
R = 0.9999
DL = 0.03186
BEC = 0.2019

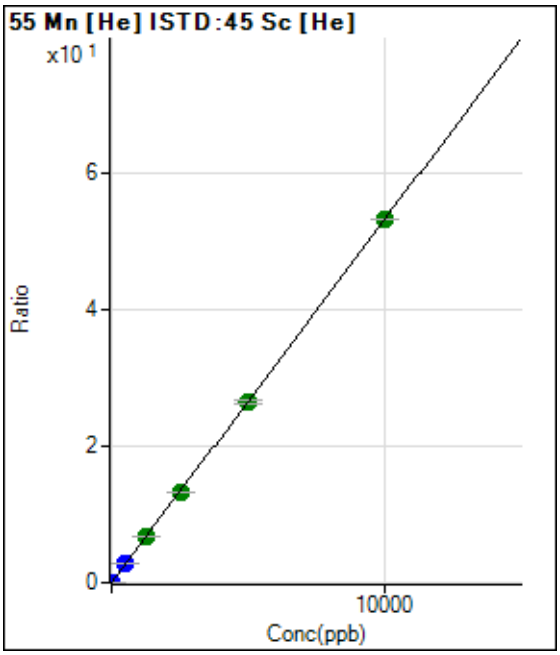
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1794.57	0.0037	P	3.4
2	☐	50.000	53.964	10994.11	0.0218	P	1.2
3	☐	2500.000	2786.999	459578.52	0.9395	P	0.5
4	☐	6250.000	7116.298	1126566.42	2.3931	P	2.9
5	☐	12500.000	13151.921	2071670.79	4.4197	A	0.5
6	☐	25000.000	26330.887	3977940.81	8.8447	A	2.5
7	☐	50000.000	52053.501	7765800.30	17.4816	A	0.4
8	☐	250000.00	249399.08	38450543.32	83.7440	A	0.4

y = 3.3577E-004 * x + 0.0037
R = 1.0000
DL = 1.126
BEC = 10.91

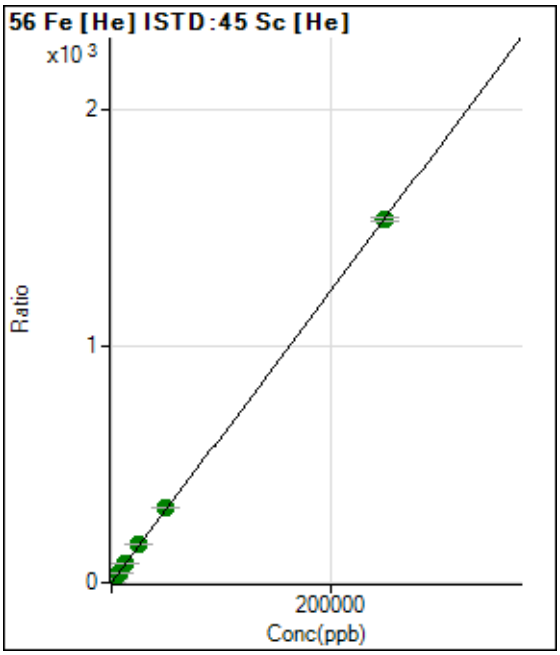
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.78	0.0004	P	14.4
2	☐	1.000	0.977	2822.51	0.0056	P	2.1
3	☐	500.000	511.278	1328095.03	2.7148	P	0.7
4	☐	1250.000	1261.511	3153443.88	6.6979	A	2.2
5	☐	2500.000	2498.768	6218694.56	13.2666	A	0.6
6	☐	5000.000	5000.140	11939597.32	26.5467	A	2.3
7	☐	10000.000	9998.235	23580586.87	53.0821	A	0.2
8	☐			14984.35	0.0326	P	1.2

y = 0.0053 * x + 4.0335E-004
R = 1.0000
DL = 0.03276
BEC = 0.07597

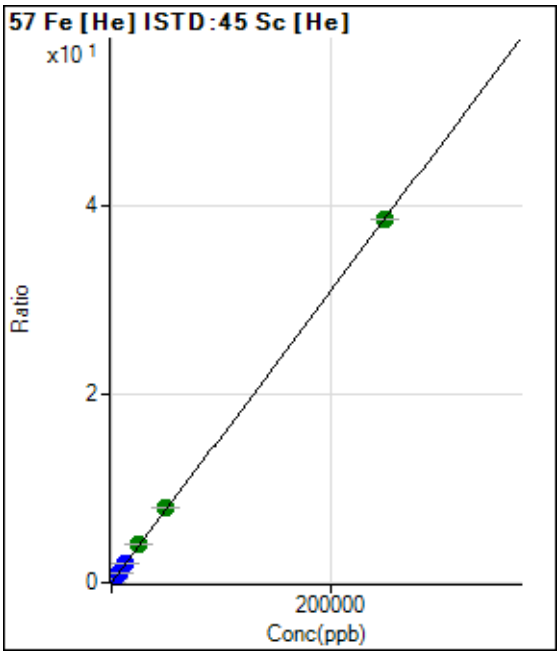
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11508.81	0.0235	P	7.5
2	☐	50.000	52.796	175938.10	0.3486	P	0.7
3	☐	2500.000	2577.490	7775191.34	15.8936	A	0.6
4	☐	6250.000	6599.357	19143941.52	40.6569	A	1.5
5	☐	12500.000	13033.799	37628116.66	80.2750	A	0.3
6	☐	25000.000	26096.820	72281888.92	160.7064	A	1.6
7	☐	50000.000	51797.830	141687956.7	318.9522	A	0.1
8	☐	250000.00	249494.55	705328078.3	1,536.207	A	0.9

y = 0.0062 * x + 0.0235
R = 1.0000
DL = 0.8635
BEC = 3.816

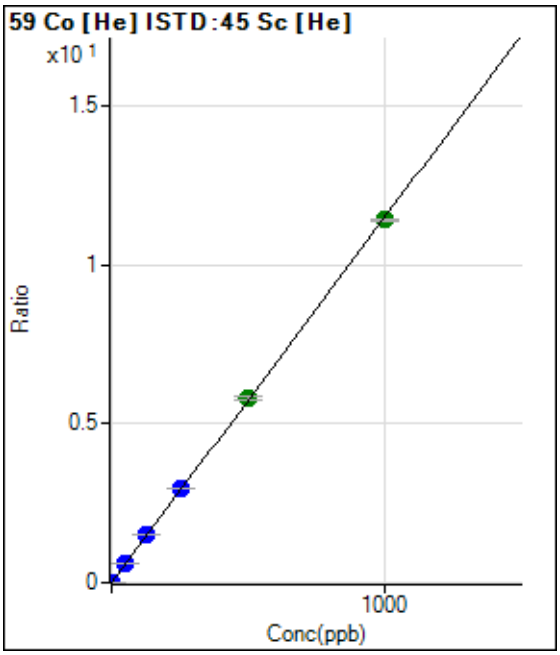
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1879.04	0.0038	P	11.6
2	☐	50.000	52.996	6056.82	0.0120	P	1.0
3	☐	2500.000	2746.362	208832.37	0.4269	P	0.8
4	☐	6250.000	7083.903	515598.46	1.0950	P	1.7
5	☐	12500.000	13825.426	1000051.77	2.1335	P	0.4
6	☐	25000.000	26101.413	1809996.38	4.0245	A	2.1
7	☐	50000.000	51102.438	3498579.91	7.8756	A	0.3
8	☐	250000.00	249579.78	17653553.62	38.4487	A	0.1

y = 1.5404E-004 * x + 0.0038
R = 1.0000
DL = 8.636
BEC = 24.91

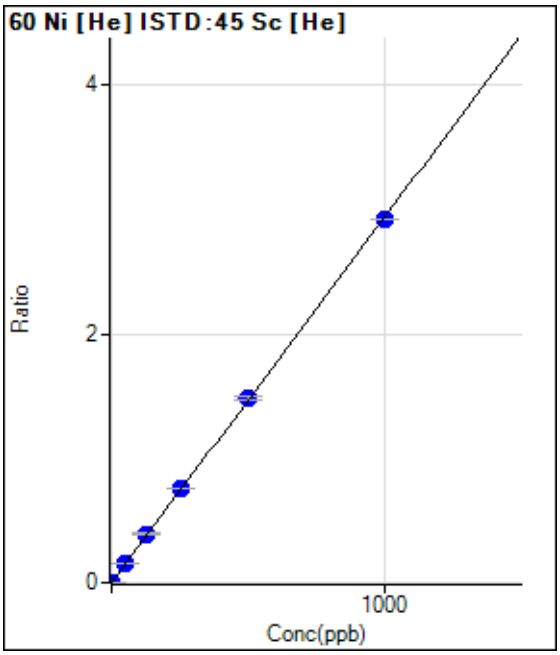
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.78	0.0001	P	28.3
2	☐	1.000	1.023	5989.02	0.0119	P	1.3
3	☐	50.000	51.215	287769.89	0.5883	P	1.0
4	☐	125.000	130.929	707924.54	1.5037	P	2.5
5	☐	250.000	256.477	1380633.17	2.9454	P	0.4
6	☐	500.000	507.566	2621561.44	5.8289	A	2.0
7	☐	1000.000	993.796	5069797.29	11.4126	A	0.3
8	☐			13975.48	0.0304	P	1.5

y = 0.0115 * x + 1.1775E-004
R = 0.9999
DL = 0.008694
BEC = 0.01025

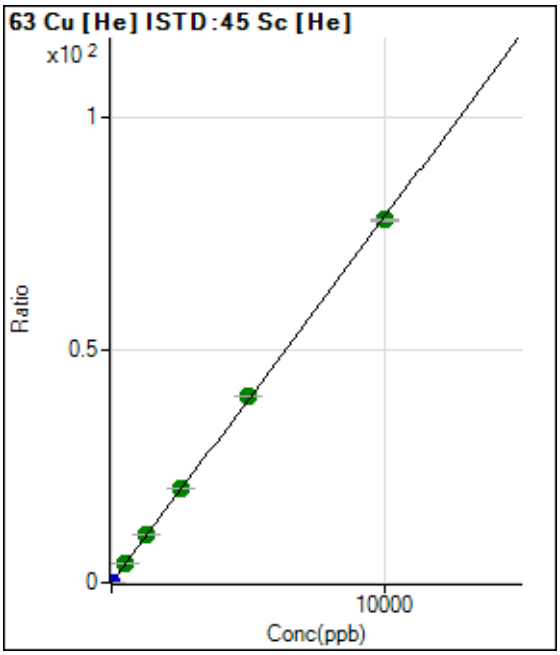
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	178.89	0.0004	P	11.3
2	☐	1.000	0.999	1664.56	0.0033	P	6.7
3	☐	50.000	52.031	74941.54	0.1532	P	0.8
4	☐	125.000	132.624	183556.84	0.3899	P	2.8
5	☐	250.000	258.543	356128.94	0.7598	P	0.6
6	☐	500.000	507.108	670087.81	1.4899	P	1.8
7	☐	1000.000	993.256	1296168.91	2.9178	P	0.1
8	☐			7141.76	0.0156	P	1.0

y = 0.0029 * x + 3.6533E-004
R = 0.9999
DL = 0.04207
BEC = 0.1244

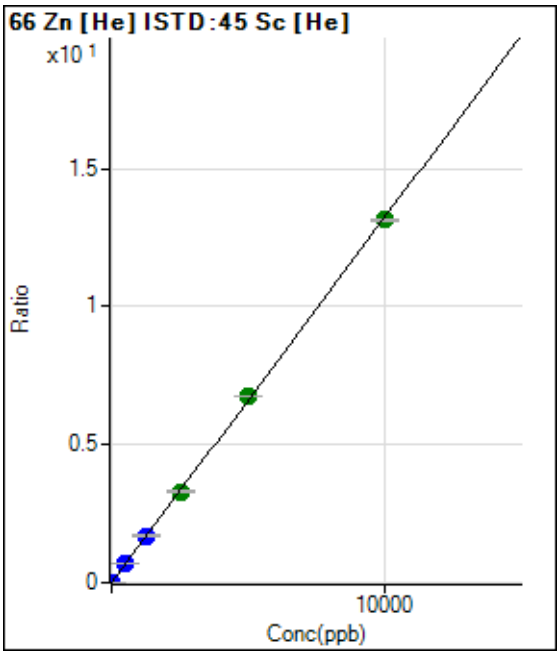
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1212.29	0.0025	P	3.6
2	☐	2.000	1.977	9102.84	0.0180	P	3.7
3	☐	500.000	514.965	1984095.49	4.0559	A	1.2
4	☐	1250.000	1315.593	4876361.84	10.3578	A	2.5
5	☐	2500.000	2564.991	9465169.58	20.1921	A	0.8
6	☐	5000.000	5108.372	18088092.37	40.2117	A	0.4
7	☐	10000.000	9920.619	34689585.60	78.0900	A	0.2
8	☐			9670.98	0.0211	P	2.0

y = 0.0079 * x + 0.0025
R = 0.9999
DL = 0.03387
BEC = 0.3144

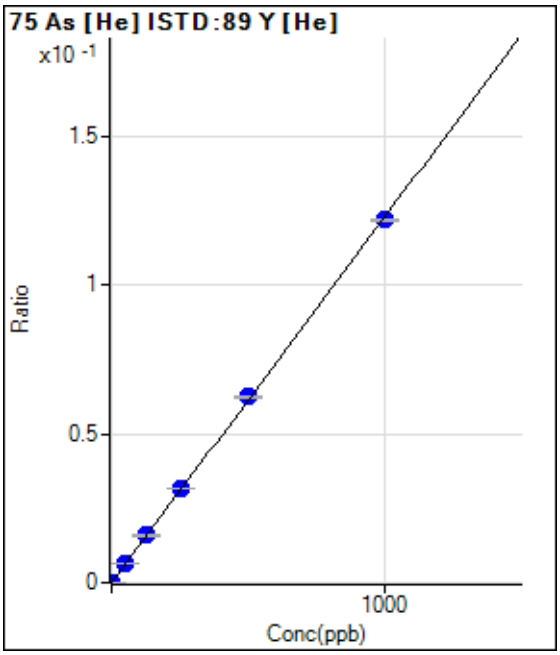
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	676.69	0.0014	P	4.8
2	☐	5.000	4.663	3808.30	0.0075	P	4.4
3	☐	500.000	501.189	324819.98	0.6640	P	0.4
4	☐	1250.000	1289.339	803187.90	1.7060	P	2.2
5	☐	2500.000	2501.443	1550812.32	3.3084	A	0.2
6	☐	5000.000	5108.967	3038937.42	6.7557	A	0.4
7	☐	10000.000	9940.179	5838418.18	13.1428	A	0.2
8	☐			4495.16	0.0098	P	5.0

y = 0.0013 * x + 0.0014
R = 0.9999
DL = 0.1517
BEC = 1.045

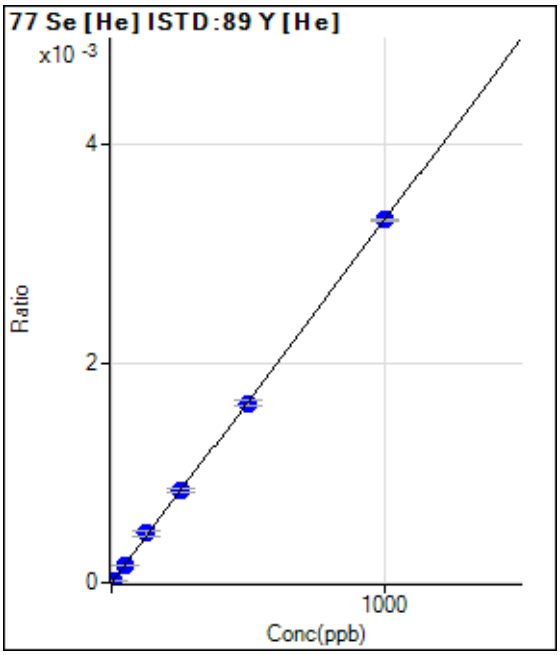
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	1.000	1.041	504.46	0.0001	P	4.6
3	☐	50.000	51.664	24336.71	0.0063	P	0.5
4	☐	125.000	129.083	59411.46	0.0159	P	3.1
5	☐	250.000	257.724	117685.23	0.0316	P	1.1
6	☐	500.000	508.450	228934.36	0.0624	P	1.5
7	☐	1000.000	993.250	446296.32	0.1220	P	0.9
8	☐			310.01	0.0001	P	9.8

y = 1.2280E-004 * x + 5.7825E-007
R = 0.9999
DL = 0.02447
BEC = 0.004709

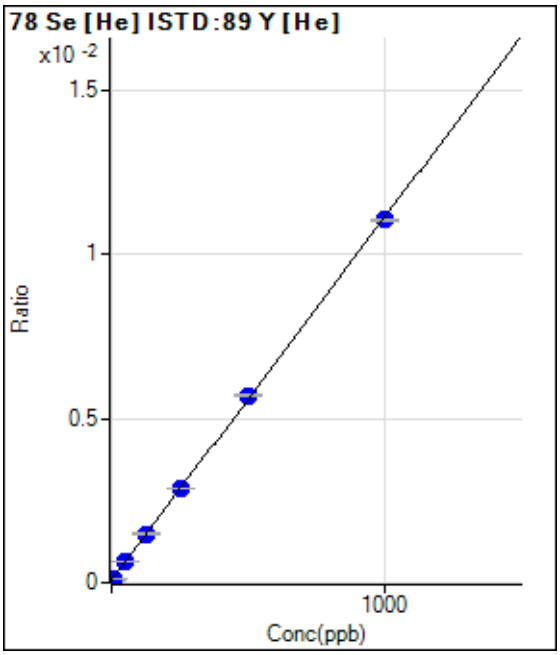
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.189	54.45	0.0000	P	19.3
3	☐	50.000	48.235	612.24	0.0002	P	6.6
4	☐	125.000	136.116	1686.78	0.0005	P	9.9
5	☐	250.000	253.520	3119.25	0.0008	P	4.7
6	☐	500.000	494.916	6004.61	0.0016	P	2.9
7	☐	1000.000	1000.365	12112.81	0.0033	P	0.8
8	☐			5.56	0.0000	P	34.2

y = 3.3091E-006 * x + 0.0000E+000
R = 0.9999
DL = 0
BEC = 0

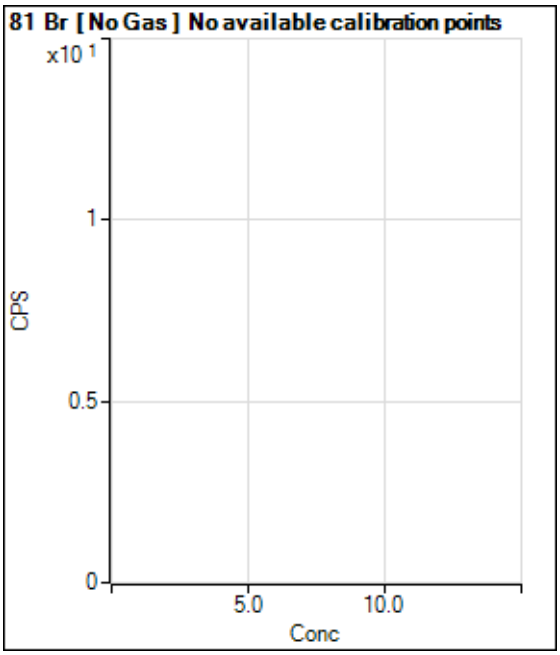
Weight: <None>
Min Conc: 0



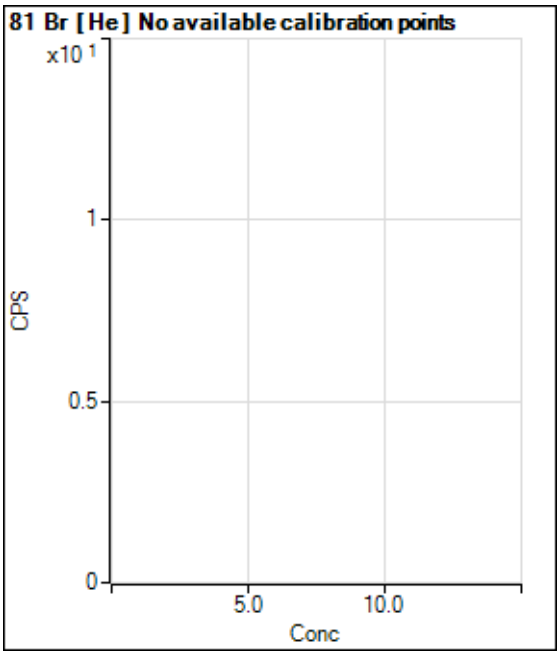
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	284.45	0.0001	P	11.9
2	☐	5.000	4.740	495.57	0.0001	P	2.6
3	☐	50.000	52.085	2488.01	0.0006	P	1.8
4	☐	125.000	128.136	5577.77	0.0015	P	2.4
5	☐	250.000	253.927	10693.94	0.0029	P	0.8
6	☐	500.000	509.938	20902.57	0.0057	P	1.6
7	☐	1000.000	993.555	40384.83	0.0110	P	0.8
8	☐			250.00	0.0001	P	16.3

y = 1.1034E-005 * x + 7.3935E-005
R = 0.9999
DL = 2.385
BEC = 6.701

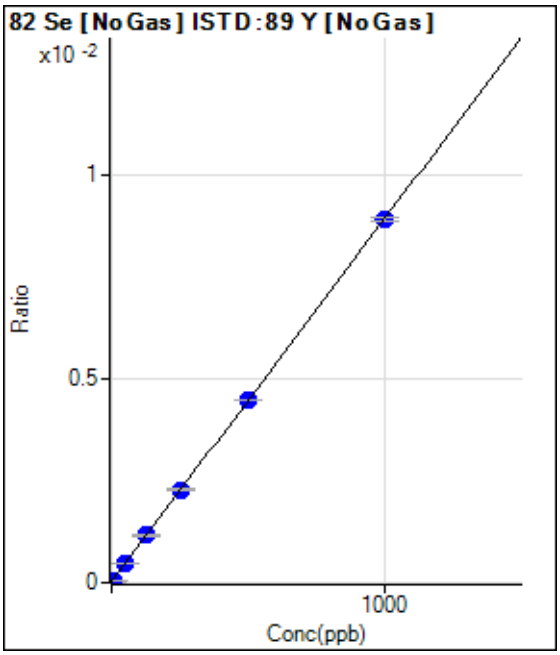
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			9514.25		P	1.5
2	☐			9492.01		P	0.9
3	☐			9237.42		P	2.2
4	☐			9119.55		P	2.1
5	☐			8883.88		P	3.5
6	☐			8806.04		P	3.1
7	☐			8513.64		P	2.8
8	☐			9174.04		P	3.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			111.11		P	21.3
2	☐			120.00		P	8.3
3	☐			101.11		P	19.9
4	☐			97.78		P	11.0
5	☐			73.33		P	19.8
6	☐			88.89		P	37.6
7	☐			70.00		P	9.5
8	☐			92.22		P	17.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	382.73	0.0000	P	4.3
2	☐	5.000	4.989	1130.39	0.0001	P	7.0
3	☐	50.000	50.453	7895.84	0.0005	P	1.0
4	☐	125.000	127.904	19311.49	0.0012	P	1.8
5	☐	250.000	253.191	38105.03	0.0023	P	1.2
6	☐	500.000	502.984	74574.16	0.0045	P	0.2
7	☐	1000.000	997.325	147214.99	0.0089	P	1.2
8	☐			474.26	0.0000	P	8.9

y = 8.8989E-006 * x + 2.2924E-005

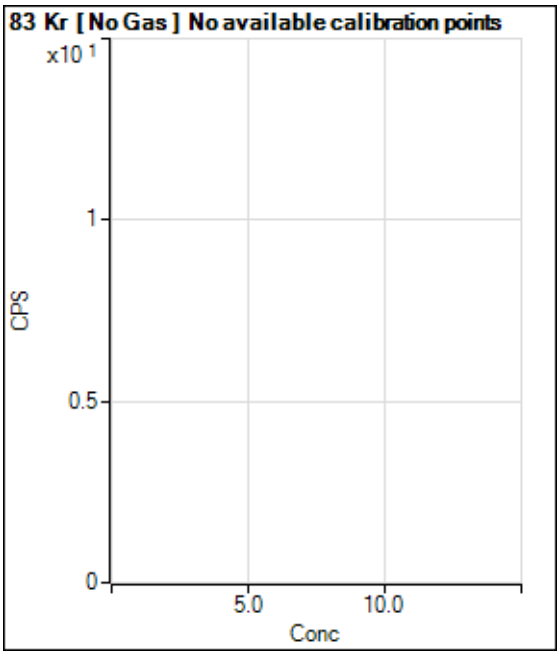
R = 1.0000

DL = 0.3314

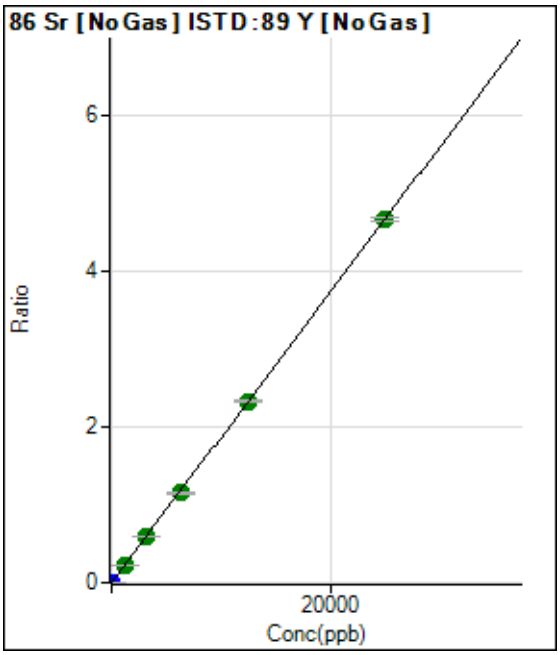
BEC = 2.576

Weight: <None>

Min Conc: 0



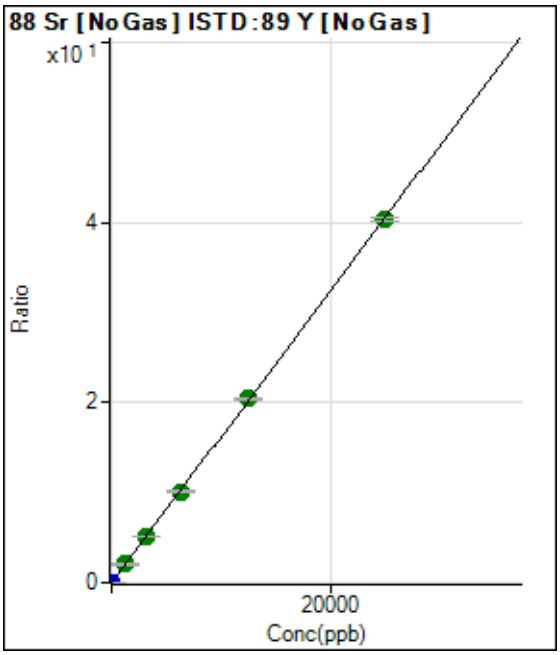
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			255.56		P	18.5
2	☐			232.23		P	20.7
3	☐			264.45		P	6.2
4	☐			261.11		P	8.5
5	☐			248.89		P	3.1
6	☐			261.12		P	17.2
7	☐			261.12		P	15.2
8	☐			342.23		P	9.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	401.12	0.0000	P	6.6
2	☐	1.000	1.046	3676.05	0.0002	P	6.0
3	☐	1250.000	1256.919	3917398.55	0.2341	A	0.2
4	☐	3125.000	3175.594	9836390.27	0.5915	A	2.3
5	☐	6250.000	6224.554	19407528.32	1.1593	A	2.2
6	☐	12500.000	12497.276	38581117.76	2.3275	A	1.4
7	☐	25000.000	25001.053	77035806.63	4.6563	A	1.2
8	☐			17015.57	0.0011	P	11.2

y = 1.8624E-004 * x + 2.4018E-005
R = 1.0000
DL = 0.02554
BEC = 0.129

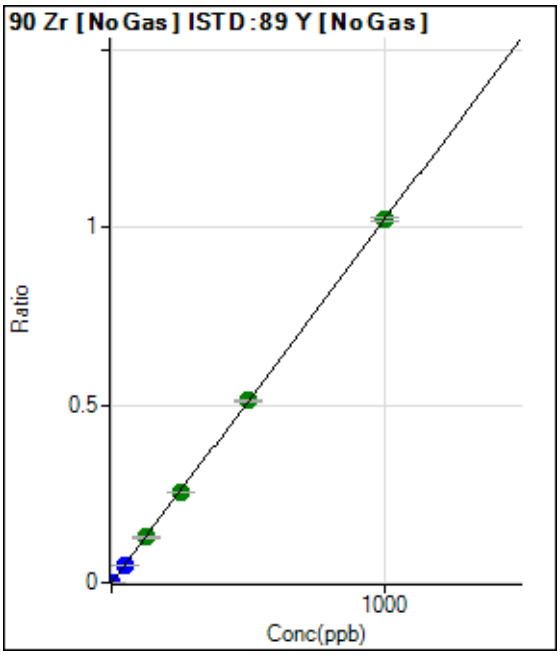
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	354.45	0.0000	P	10.7
2	☐	1.000	1.017	27992.24	0.0017	P	1.0
3	☐	1250.000	1263.641	34231646.71	2.0460	A	1.8
4	☐	3125.000	3165.813	85250890.40	5.1258	A	1.7
5	☐	6250.000	6261.190	169710231.9	10.1375	A	2.0
6	☐	12500.000	12639.550	339222323.8	20.4646	A	0.4
7	☐	25000.000	24921.644	667574670.0	40.3505	A	1.2
8	☐			146250.34	0.0093	P	11.5

y = 0.0016 * x + 2.1228E-005
R = 1.0000
DL = 0.00422
BEC = 0.01311

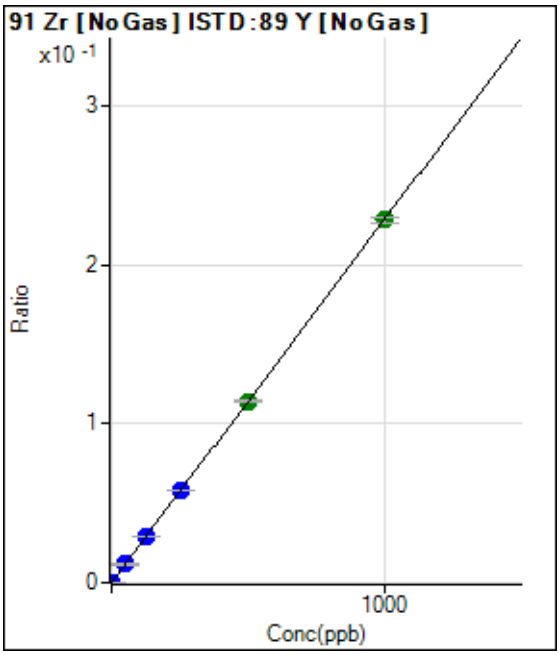
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	678.91	0.0000	P	13.0
2	☐	1.000	0.936	16729.61	0.0010	P	1.5
3	☐	50.000	50.065	856013.41	0.0512	P	0.9
4	☐	125.000	125.595	2133445.35	0.1283	A	2.0
5	☐	250.000	249.199	4260325.60	0.2545	A	1.9
6	☐	500.000	500.847	8477527.37	0.5114	A	0.8
7	☐	1000.000	999.699	16888370.58	1.0208	A	1.0
8	☐			10339.28	0.0007	P	4.4

y = 0.0010 * x + 4.0682E-005
R = 1.0000
DL = 0.01549
BEC = 0.03984

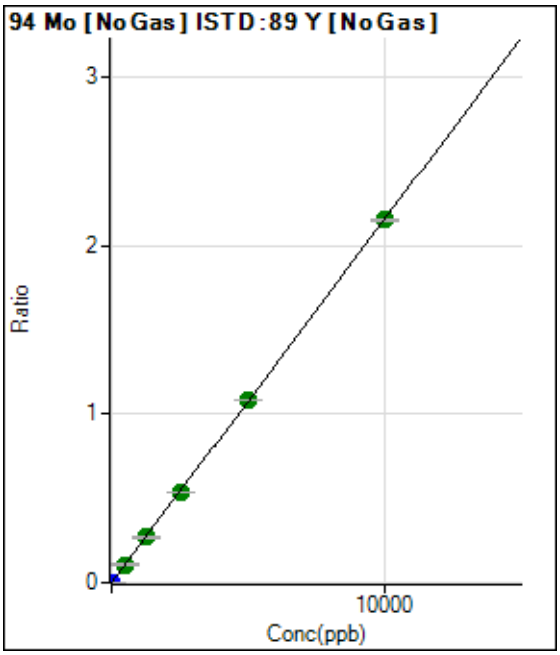
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.00	0.0000	P	3.6
2	☐	1.000	0.948	3791.64	0.0002	P	2.1
3	☐	50.000	50.459	193243.79	0.0115	P	2.1
4	☐	125.000	127.057	483442.10	0.0291	P	2.5
5	☐	250.000	253.706	971610.12	0.0580	P	1.5
6	☐	500.000	498.990	1891892.04	0.1141	A	1.4
7	☐	1000.000	999.298	3781366.96	0.2286	A	1.5
8	☐			2366.89	0.0002	P	3.6

y = 2.2872E-004 * x + 8.9836E-006
R = 1.0000
DL = 0.004276
BEC = 0.03928

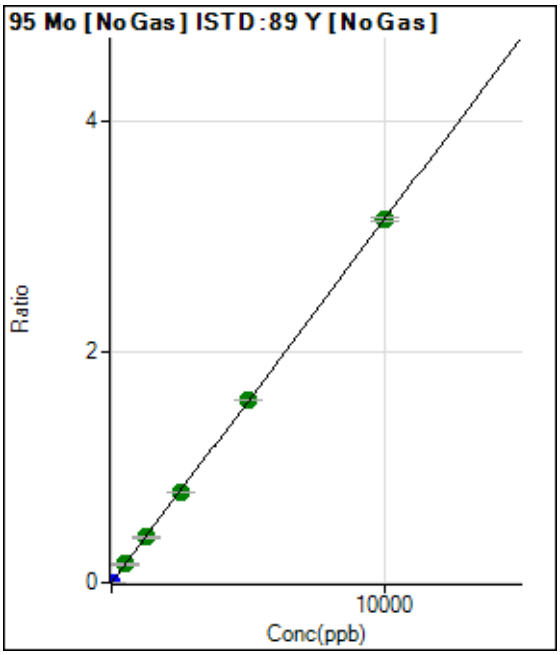
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	271.11	0.0000	P	15.8
2	☐	5.000	5.406	19844.65	0.0012	P	0.9
3	☐	500.000	501.386	1809006.71	0.1081	A	1.1
4	☐	1250.000	1254.915	4500167.64	0.2706	A	1.8
5	☐	2500.000	2488.324	8981905.35	0.5365	A	1.7
6	☐	5000.000	5031.620	17982398.21	1.0849	A	0.7
7	☐	10000.000	9986.425	35623112.25	2.1531	A	0.9
8	☐			11582.45	0.0007	P	7.1

y = 2.1560E-004 * x + 1.6247E-005
R = 1.0000
DL = 0.03567
BEC = 0.07536

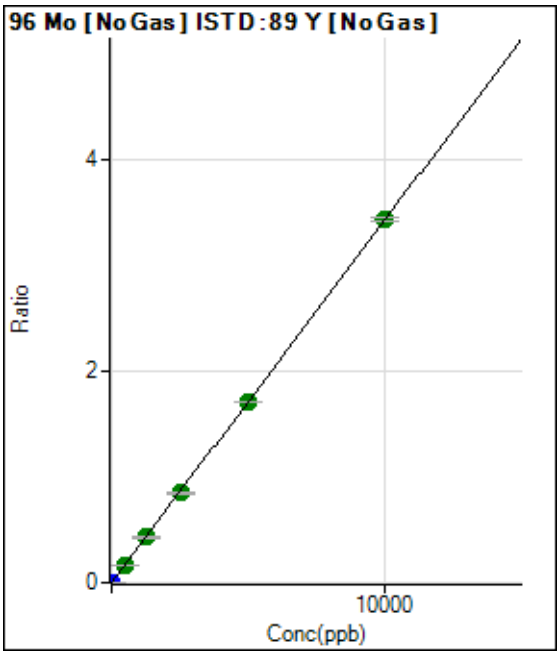
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.55	0.0000	P	27.7
2	☐	5.000	4.464	23632.49	0.0014	P	1.0
3	☐	500.000	503.697	2648733.26	0.1583	A	1.1
4	☐	1250.000	1252.525	6546515.53	0.3936	A	2.4
5	☐	2500.000	2488.814	13094844.95	0.7822	A	1.4
6	☐	5000.000	5032.126	26214284.61	1.5815	A	0.4
7	☐	10000.000	9986.233	51922878.67	3.1384	A	1.2
8	☐			12978.11	0.0008	P	8.9

y = 3.1427E-004 * x + 4.5230E-006
R = 1.0000
DL = 0.01198
BEC = 0.01439

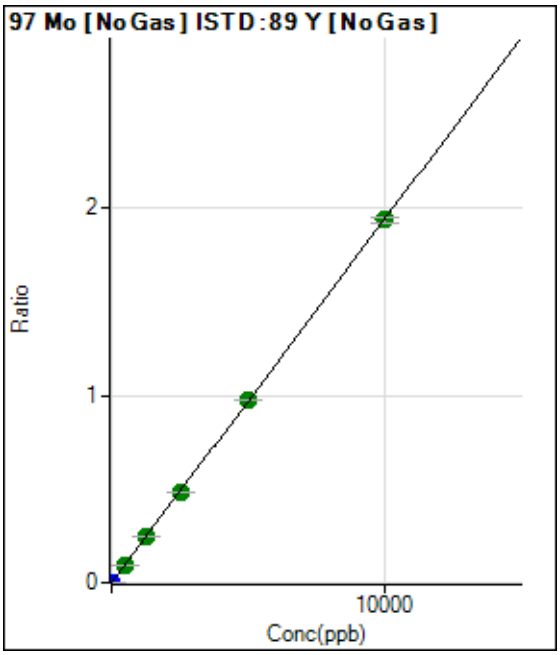
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	145.56	0.0000	P	20.8
2	☐	5.000	4.562	26352.71	0.0016	P	0.9
3	☐	500.000	497.125	2846070.51	0.1701	A	1.0
4	☐	1250.000	1254.600	7139203.57	0.4293	A	2.1
5	☐	2500.000	2476.052	14183387.15	0.8472	A	1.1
6	☐	5000.000	4976.799	28225291.24	1.7028	A	0.1
7	☐	10000.000	10017.156	56703019.71	3.4273	A	1.1
8	☐			24140.08	0.0015	P	6.1

y = 3.4214E-004 * x + 8.7105E-006
R = 1.0000
DL = 0.01587
BEC = 0.02546

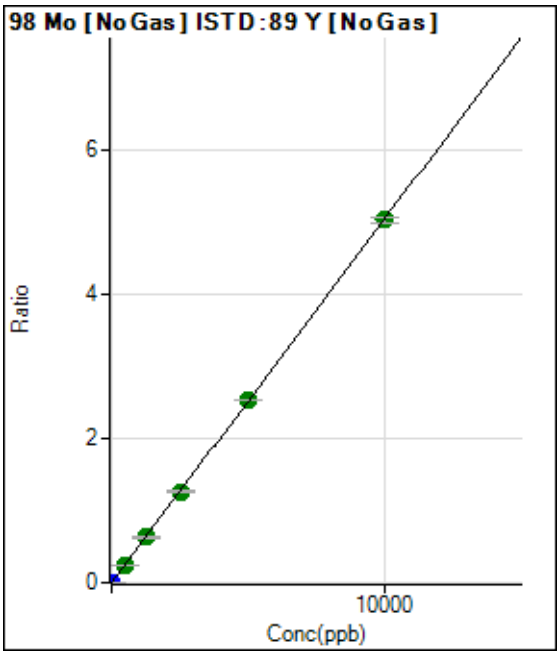
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.67	0.0000	P	14.2
2	☐	5.000	4.545	14839.85	0.0009	P	0.7
3	☐	500.000	498.672	1617615.95	0.0967	A	1.1
4	☐	1250.000	1256.867	4052543.97	0.2437	A	1.6
5	☐	2500.000	2490.856	8084206.41	0.4829	A	1.5
6	☐	5000.000	5027.814	16156743.79	0.9747	A	0.2
7	☐	10000.000	9987.587	32034030.35	1.9362	A	1.3
8	☐			8088.98	0.0005	P	8.3

y = 1.9386E-004 * x + 2.7949E-006
R = 1.0000
DL = 0.006138
BEC = 0.01442

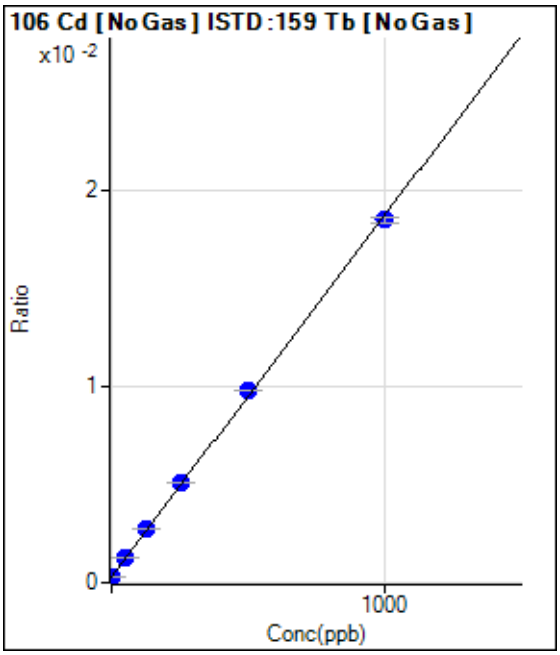
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	117.78	0.0000	P	19.7
2	☐	5.000	4.513	38238.83	0.0023	P	0.9
3	☐	500.000	493.378	4152805.95	0.2482	A	1.4
4	☐	1250.000	1256.044	10508315.68	0.6318	A	2.2
5	☐	2500.000	2504.439	21092025.24	1.2598	A	1.4
6	☐	5000.000	5036.308	41994292.15	2.5335	A	0.3
7	☐	10000.000	9980.312	83060383.76	5.0205	A	1.6
8	☐			20211.90	0.0013	P	7.2

y = 5.0304E-004 * x + 7.0504E-006
R = 1.0000
DL = 0.008275
BEC = 0.01402

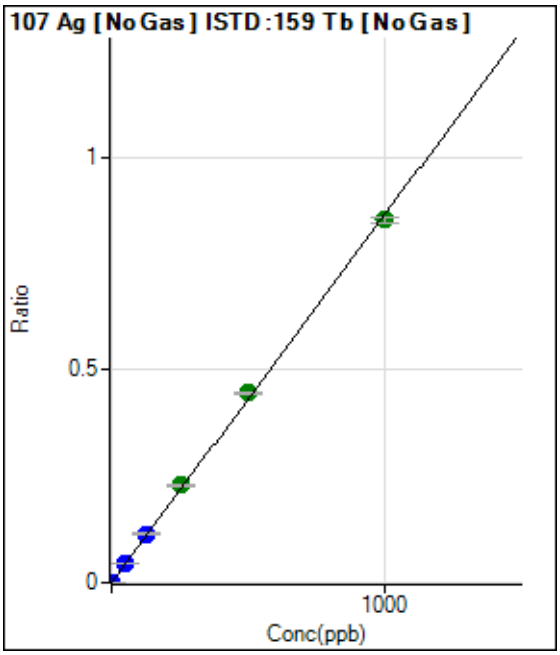
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3843.88	0.0003	P	2.9
2	☐	1.000	1.017	4142.85	0.0003	P	0.5
3	☐	50.000	52.433	16510.59	0.0013	P	2.7
4	☐	125.000	130.742	35493.36	0.0027	P	0.3
5	☐	250.000	259.888	67088.46	0.0051	P	1.2
6	☐	500.000	516.967	129702.85	0.0098	P	0.4
7	☐	1000.000	988.205	248538.63	0.0185	P	1.3
8	☐			3683.84	0.0003	P	4.9

y = 1.8402E-005 * x + 3.0437E-004
R = 0.9997
DL = 1.438
BEC = 16.54

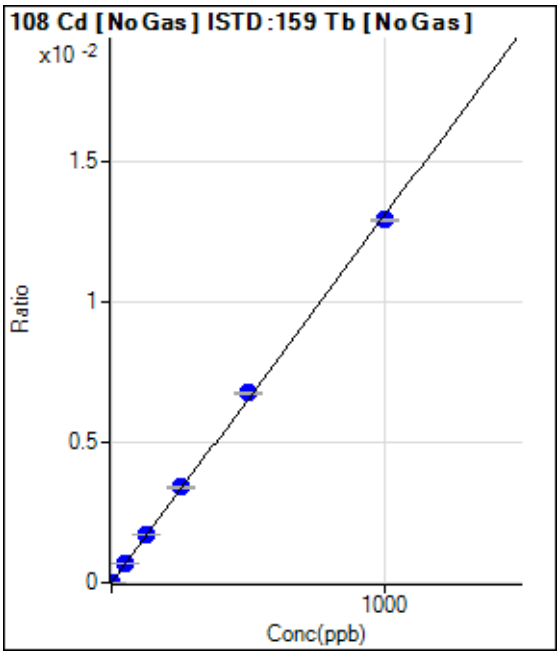
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76.67	0.0000	P	7.8
2	☐	1.000	1.027	11455.71	0.0009	P	2.0
3	☐	50.000	53.621	602657.10	0.0463	P	1.2
4	☐	125.000	133.202	1506882.25	0.1151	P	1.3
5	☐	250.000	264.298	3011314.37	0.2283	A	0.3
6	☐	500.000	516.896	5899113.66	0.4465	A	0.8
7	☐	1000.000	986.771	11458279.97	0.8524	A	1.5
8	☐			2122.40	0.0002	P	15.1

y = 8.6385E-004 * x + 6.0715E-006
R = 0.9997
DL = 0.001636
BEC = 0.007028

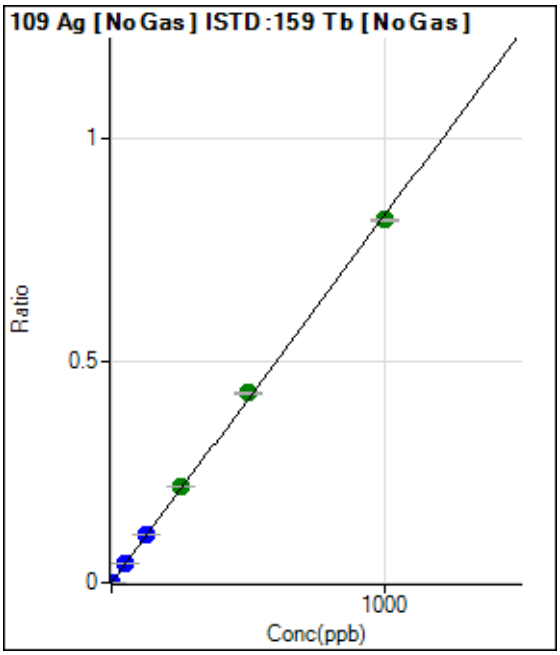
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	34.3
2	☐	1.000	1.065	184.45	0.0000	P	6.4
3	☐	50.000	53.045	9038.44	0.0007	P	3.0
4	☐	125.000	131.055	22471.94	0.0017	P	2.1
5	☐	250.000	260.641	45007.38	0.0034	P	1.1
6	☐	500.000	516.400	89313.75	0.0068	P	0.5
7	☐	1000.000	988.231	173907.22	0.0129	P	0.7
8	☐			108.89	0.0000	P	16.5

y = 1.3091E-005 * x + 4.3939E-007
R = 0.9997
DL = 0.03451
BEC = 0.03357

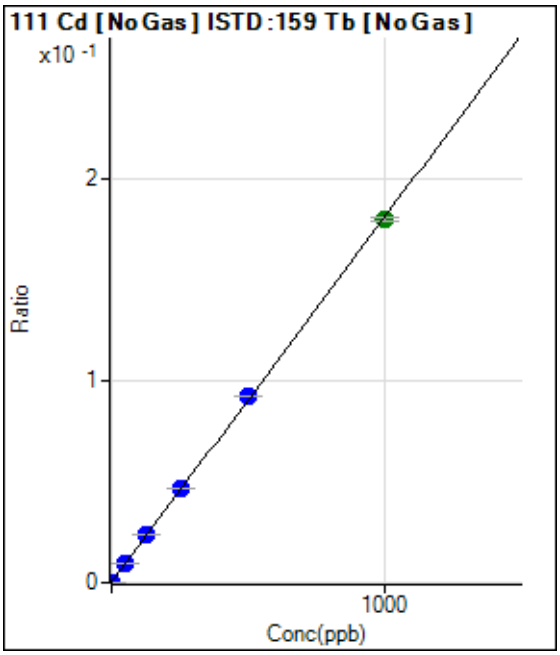
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0000	P	7.0
2	☐	1.000	1.013	10788.53	0.0008	P	3.3
3	☐	50.000	53.172	572561.80	0.0440	P	1.3
4	☐	125.000	131.221	1422307.27	0.1086	P	0.9
5	☐	250.000	262.036	2860457.49	0.2169	A	0.9
6	☐	500.000	515.910	5641272.49	0.4270	A	1.2
7	☐	1000.000	988.100	10993967.20	0.8178	A	0.4
8	☐			2010.17	0.0002	P	16.0

y = 8.2770E-004 * x + 2.2880E-006
R = 0.9997
DL = 0.0005841
BEC = 0.002764

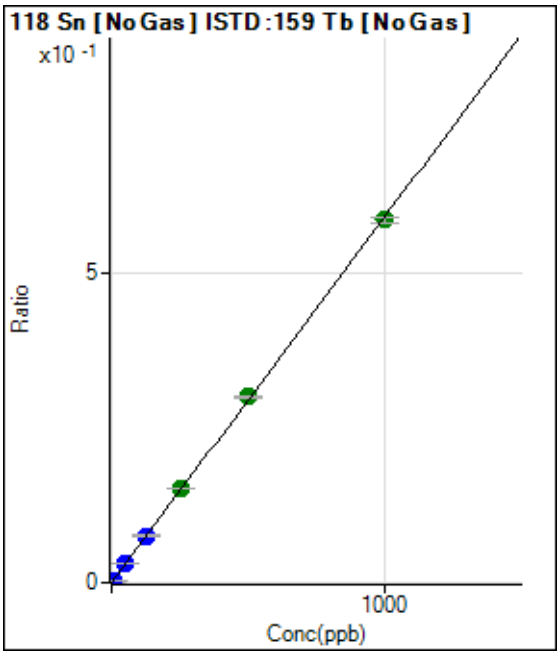
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2690.16	0.0002	P	2.8
2	☐	1.000	1.068	5206.67	0.0004	P	3.5
3	☐	50.000	52.343	125869.00	0.0097	P	1.2
4	☐	125.000	130.887	312637.94	0.0239	P	1.1
5	☐	250.000	257.704	617274.74	0.0468	P	0.5
6	☐	500.000	508.311	1216822.11	0.0921	P	0.2
7	☐	1000.000	993.065	2416116.47	0.1797	A	1.0
8	☐			2975.81	0.0002	P	6.5

y = 1.8078E-004 * x + 2.1302E-004
R = 0.9999
DL = 0.09889
BEC = 1.178

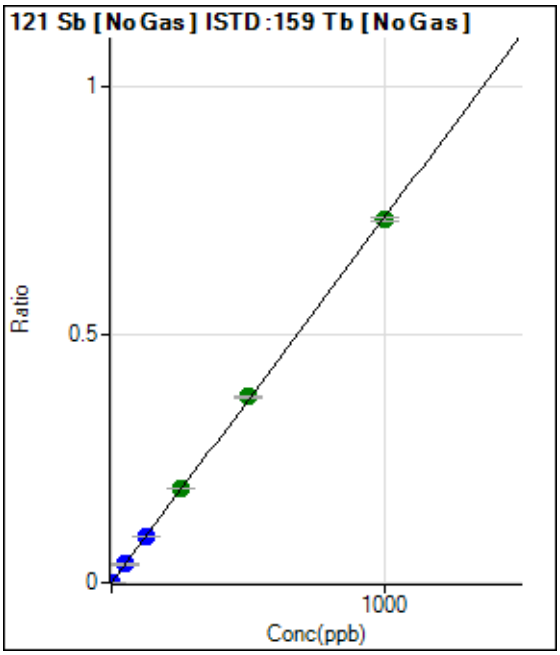
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	841.14	0.0001	P	3.9
2	☐	5.000	5.071	39232.26	0.0031	P	0.3
3	☐	50.000	51.121	393385.46	0.0302	P	0.9
4	☐	125.000	127.947	989752.15	0.0756	P	1.8
5	☐	250.000	258.792	2015539.14	0.1528	A	0.7
6	☐	500.000	509.131	3970929.07	0.3006	A	0.6
7	☐	1000.000	992.812	7877723.08	0.5861	A	1.6
8	☐			6543.77	0.0005	P	4.2

y = 5.9023E-004 * x + 6.6602E-005
R = 0.9999
DL = 0.01304
BEC = 0.1128

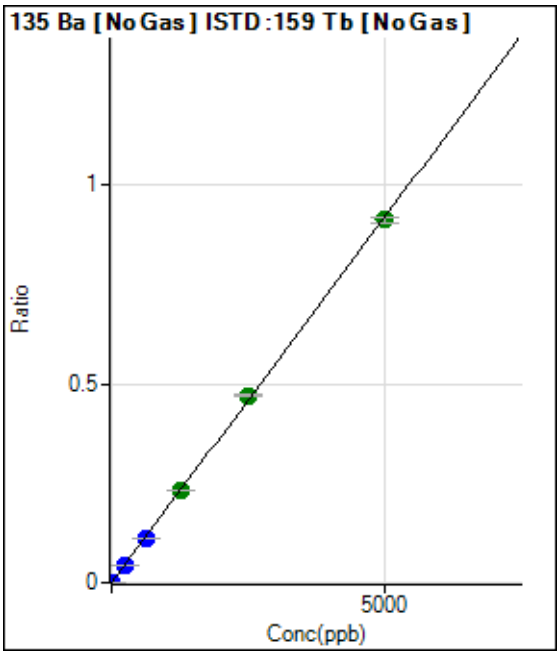
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.22	0.0000	P	38.3
2	☐	2.000	1.983	18756.75	0.0015	P	0.3
3	☐	50.000	50.033	478548.95	0.0368	P	1.1
4	☐	125.000	125.898	1212017.73	0.0926	P	1.5
5	☐	250.000	257.615	2497856.82	0.1894	A	1.1
6	☐	500.000	509.435	4947823.74	0.3745	A	1.3
7	☐	1000.000	993.265	9815576.17	0.7302	A	1.1
8	☐			7503.13	0.0006	P	1.4

y = 7.3515E-004 * x + 4.9226E-006
R = 0.9999
DL = 0.007701
BEC = 0.006696

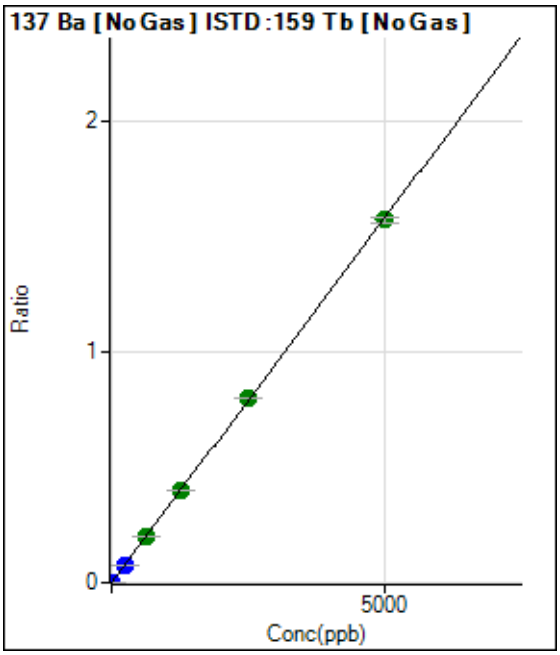
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.78	0.0000	P	14.7
2	☐	10.000	9.612	22701.53	0.0018	P	1.3
3	☐	250.000	242.756	580458.46	0.0446	P	1.1
4	☐	625.000	611.594	1471992.72	0.1124	P	1.4
5	☐	1250.000	1265.273	3067074.57	0.2326	A	0.7
6	☐	2500.000	2562.501	6222024.14	0.4710	A	0.8
7	☐	5000.000	4966.970	12271148.15	0.9129	A	1.5
8	☐			5334.39	0.0004	P	2.9

y = 1.8379E-004 * x + 3.7841E-006
R = 0.9999
DL = 0.009107
BEC = 0.02059

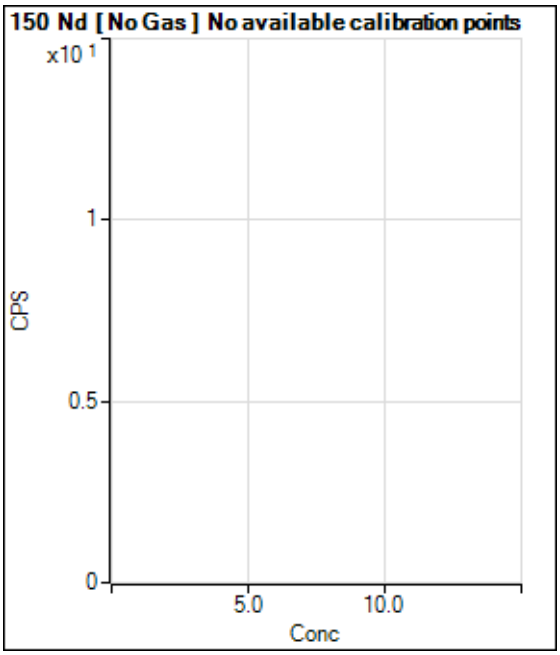
Weight: <None>
Min Conc: 0



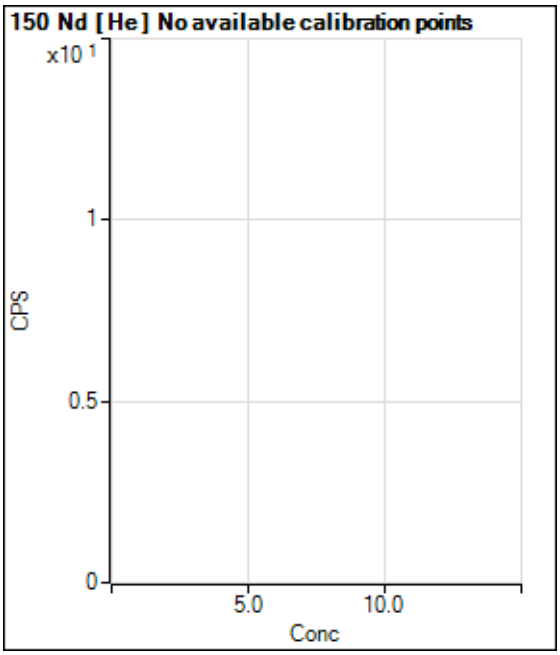
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.33	0.0000	P	47.1
2	☐	10.000	9.720	39494.72	0.0031	P	1.8
3	☐	250.000	245.315	1009791.42	0.0776	P	1.0
4	☐	625.000	633.007	2622749.61	0.2003	A	2.2
5	☐	1250.000	1264.692	5277798.18	0.4002	A	0.6
6	☐	2500.000	2535.624	10599036.51	0.8023	A	0.2
7	☐	5000.000	4977.749	21170976.07	1.5750	A	1.4
8	☐			9091.87	0.0007	P	7.3

y = 3.1640E-004 * x + 5.0203E-006
R = 1.0000
DL = 0.02241
BEC = 0.01587

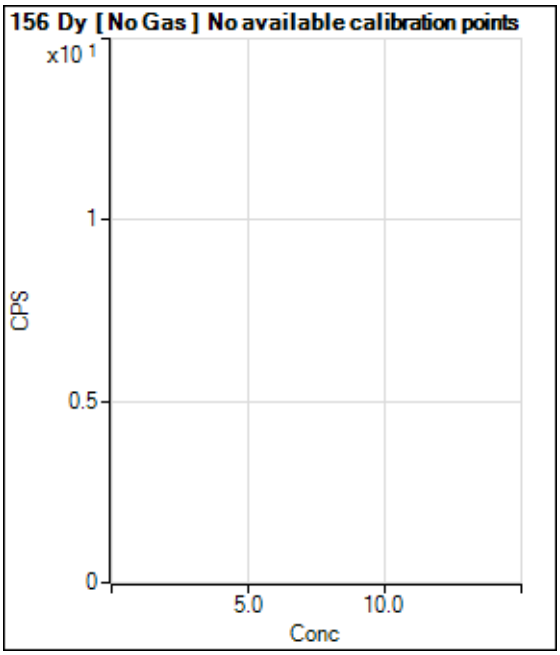
Weight: <None>
Min Conc: 0



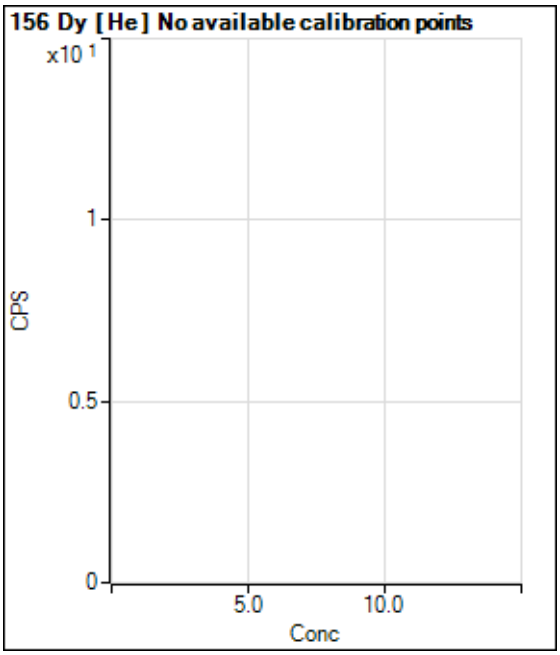
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			16.67		P	105.
2	☐			11.11		P	45.8
3	☐			43.33		P	13.3
4	☐			131.11		P	20.5
5	☐			186.67		P	4.7
6	☐			298.90		P	2.6
7	☐			696.69		P	3.6
8	☐			224.45		P	15.6



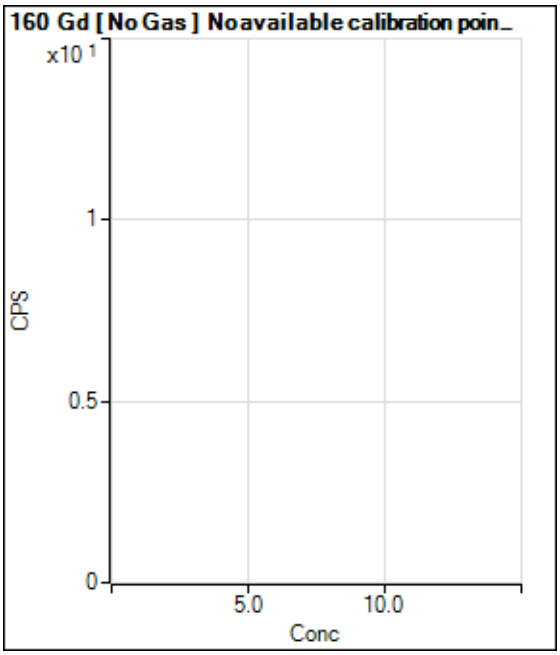
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	50.0
2	☐			3.33		P	0.0
3	☐			15.55		P	44.6
4	☐			50.00		P	24.0
5	☐			61.11		P	27.5
6	☐			101.11		P	12.5
7	☐			227.78		P	9.4
8	☐			128.89		P	15.6



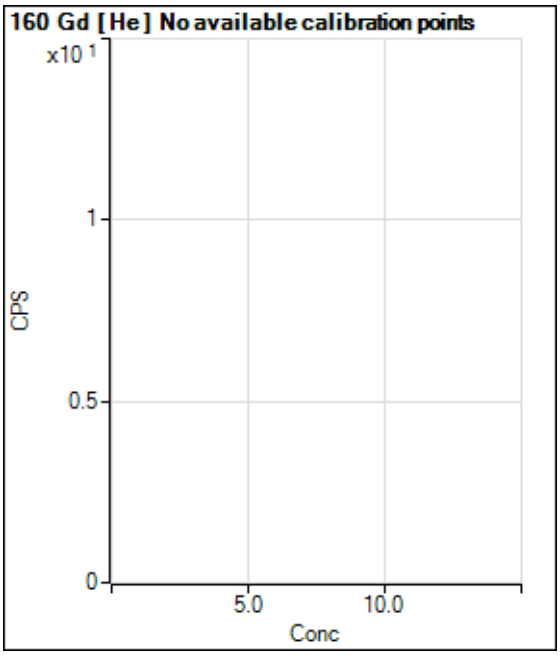
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			14.44		P	13.4
2	☐			15.56		P	32.7
3	☐			37.78		P	10.2
4	☐			62.22		P	6.2
5	☐			75.56		P	19.9
6	☐			146.67		P	16.4
7	☐			312.23		P	2.5
8	☐			344.45		P	9.3



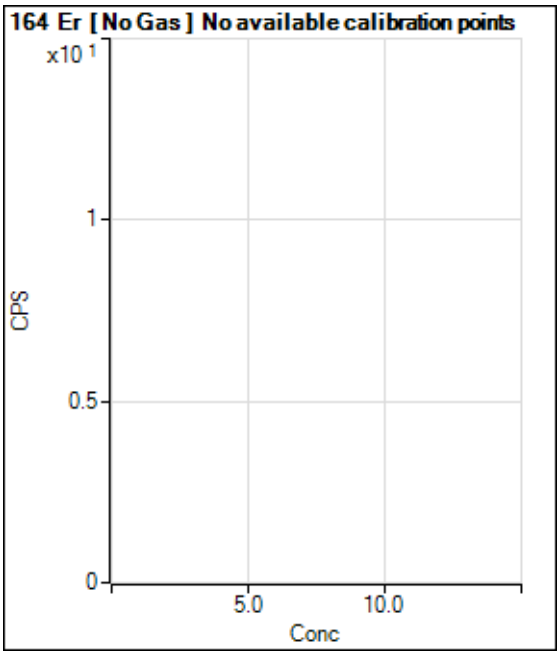
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5.56		P	34.7
2	☐			6.67		P	132.
3	☐			43.33		P	35.3
4	☐			92.22		P	22.1
5	☐			151.11		P	10.9
6	☐			304.45		P	3.8
7	☐			576.68		P	12.1
8	☐			240.00		P	6.1



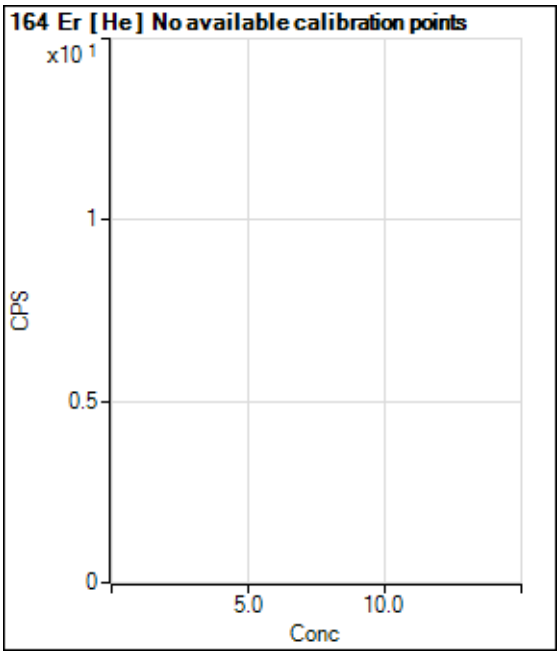
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			68.89		P	19.5
2	☐			66.66		P	22.9
3	☐			53.33		P	28.6
4	☐			90.00		P	13.4
5	☐			100.00		P	10.0
6	☐			124.45		P	14.8
7	☐			320.01		P	18.1
8	☐			368.90		P	11.4



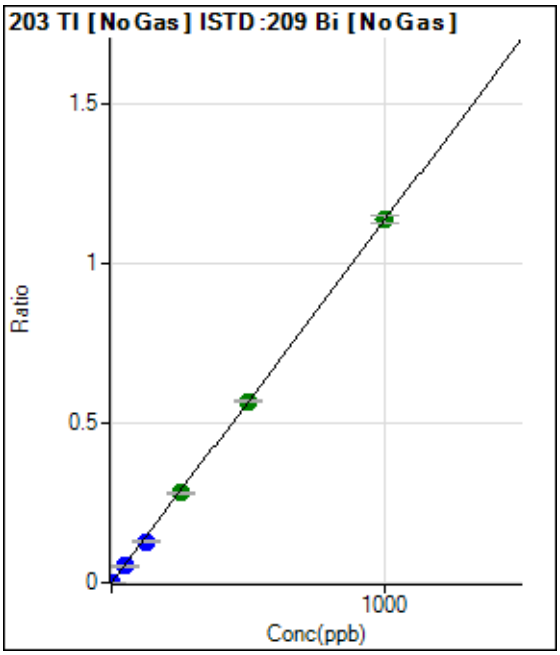
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			403.35		P	8.6
2	☐			347.79		P	2.0
3	☐			372.23		P	9.5
4	☐			366.68		P	4.0
5	☐			436.68		P	5.3
6	☐			415.57		P	4.6
7	☐			522.24		P	7.3
8	☐			550.02		P	4.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			117.78		P	14.0
2	☐			101.11		P	1.9
3	☐			101.11		P	10.6
4	☐			140.01		P	4.1
5	☐			160.00		P	23.7
6	☐			191.11		P	5.0
7	☐			311.12		P	11.8
8	☐			350.01		P	4.2



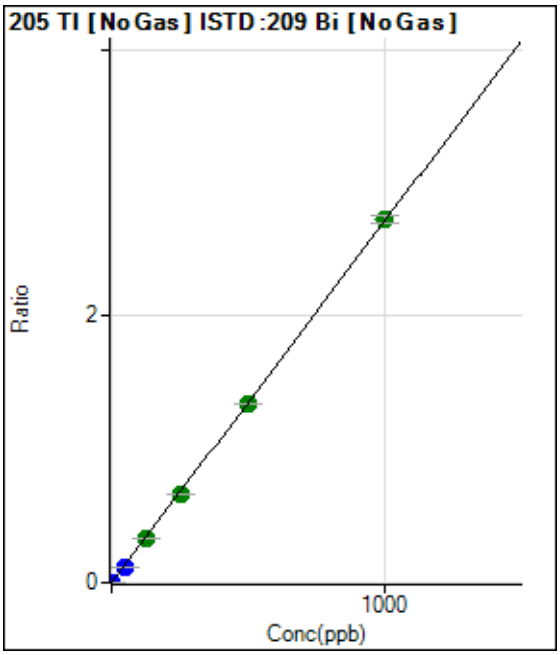
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			64.44		P	7.9
2	☐			65.56		P	17.9
3	☐			93.33		P	19.9
4	☐			84.44		P	23.8
5	☐			105.56		P	9.6
6	☐			111.11		P	19.5
7	☐			196.67		P	24.4
8	☐			214.45		P	2.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0000	P	72.0
2	☐	1.000	0.872	6944.06	0.0010	P	4.6
3	☐	50.000	45.132	353845.65	0.0512	P	0.5
4	☐	125.000	113.881	905687.35	0.1291	P	1.4
5	☐	250.000	247.391	1991210.06	0.2804	A	0.5
6	☐	500.000	501.610	4072506.78	0.5685	A	0.4
7	☐	1000.000	1001.481	8090214.32	1.1351	A	2.1
8	☐			1022.27	0.0002	P	18.4

y = 0.0011 * x + 3.3907E-006
R = 0.9999
DL = 0.006463
BEC = 0.002992

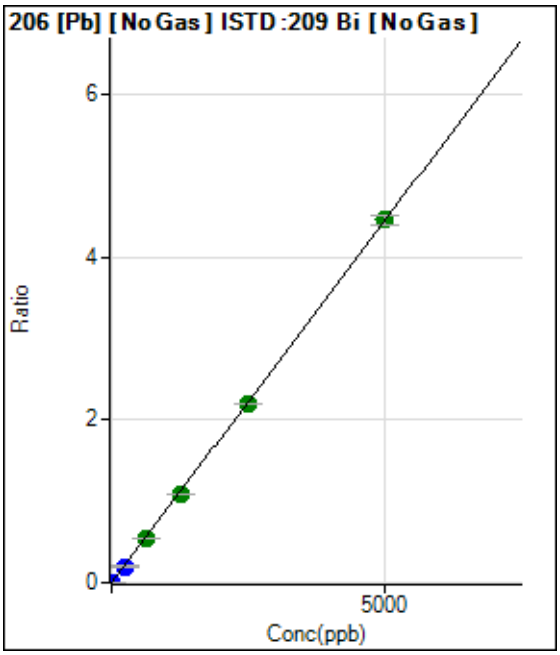
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0000	P	32.7
2	☐	1.000	0.845	16092.98	0.0023	P	2.7
3	☐	50.000	44.820	840301.79	0.1215	P	0.2
4	☐	125.000	122.467	2329254.88	0.3320	A	3.3
5	☐	250.000	244.915	4714050.76	0.6639	A	1.0
6	☐	500.000	494.206	9595538.88	1.3396	A	0.5
7	☐	1000.000	1004.744	19409973.74	2.7234	A	2.1
8	☐			2401.36	0.0004	P	21.1

y = 0.0027 * x + 5.9741E-006
R = 1.0000
DL = 0.002162
BEC = 0.002204

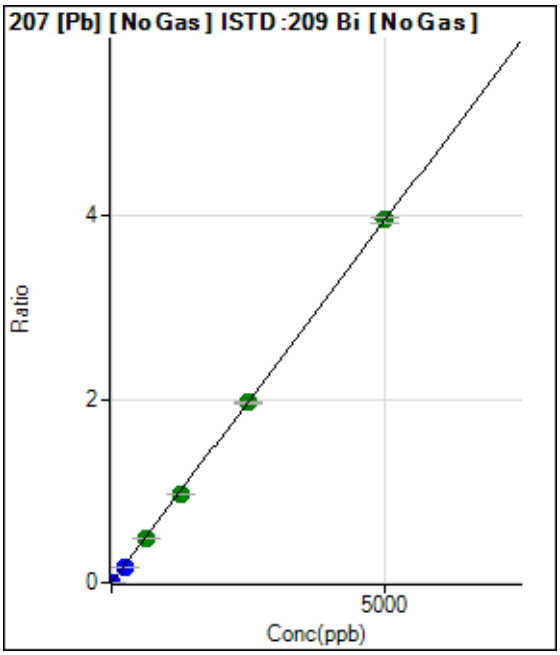
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	96.67	0.0000	P	19.5
2	☐	1.000	0.848	5374.45	0.0008	P	1.9
3	☐	250.000	225.746	1386838.61	0.2005	P	0.8
4	☐	625.000	614.250	3828055.39	0.5456	A	1.6
5	☐	1250.000	1223.262	7714502.53	1.0865	A	1.4
6	☐	2500.000	2484.522	15806984.49	2.2067	A	0.1
7	☐	5000.000	5016.980	31757260.36	4.4559	A	2.4
8	☐			12217.83	0.0019	P	6.0

y = 8.8817E-004 * x + 1.4063E-005
R = 1.0000
DL = 0.009262
BEC = 0.01583

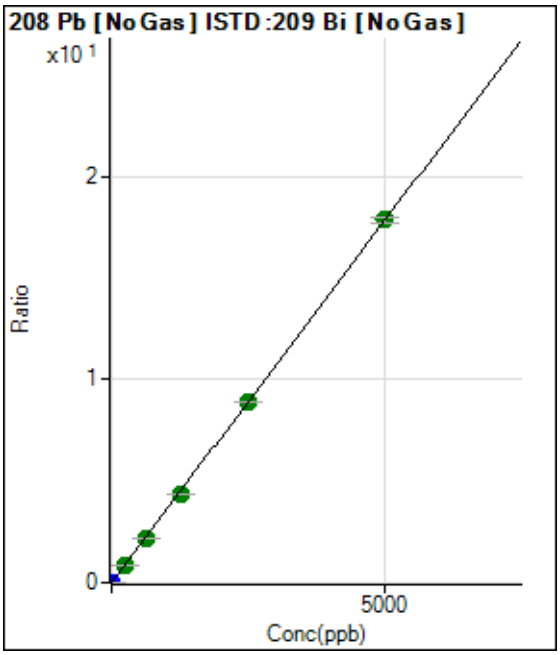
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.00	0.0000	P	7.0
2	☐	1.000	0.861	4847.58	0.0007	P	3.2
3	☐	250.000	225.420	1231682.47	0.1781	P	0.4
4	☐	625.000	614.868	3407989.39	0.4857	A	1.4
5	☐	1250.000	1223.637	6863404.76	0.9666	A	0.9
6	☐	2500.000	2488.024	14078204.65	1.9653	A	0.3
7	☐	5000.000	5015.074	28235114.03	3.9615	A	1.6
8	☐			11096.86	0.0017	P	7.0

y = 7.8991E-004 * x + 1.1628E-005
R = 1.0000
DL = 0.003088
BEC = 0.01472

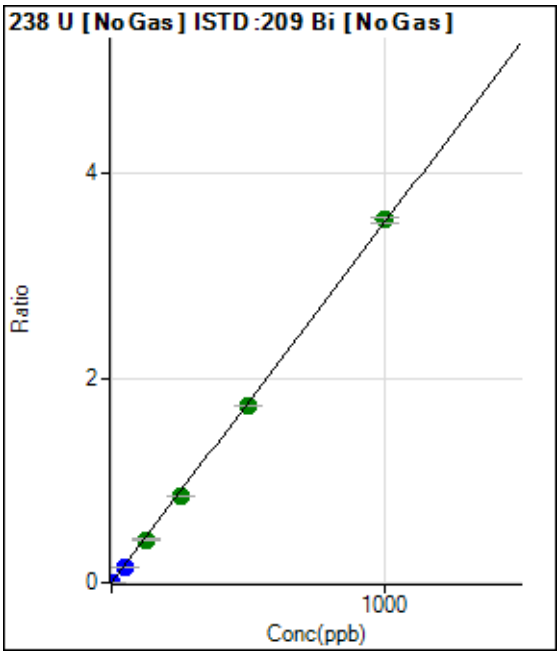
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	505.56	0.0001	P	10.1
2	☐	1.000	0.865	22111.76	0.0032	P	1.0
3	☐	250.000	236.008	5818569.62	0.8413	A	0.6
4	☐	625.000	615.066	15382698.97	2.1923	A	1.4
5	☐	1250.000	1221.242	30910215.52	4.3528	A	0.6
6	☐	2500.000	2488.151	63525894.19	8.8683	A	0.1
7	☐	5000.000	5015.056	127402366.1	17.8747	A	1.5
8	☐			49906.51	0.0078	P	7.1

y = 0.0036 * x + 7.3521E-005
R = 1.0000
DL = 0.006258
BEC = 0.02063

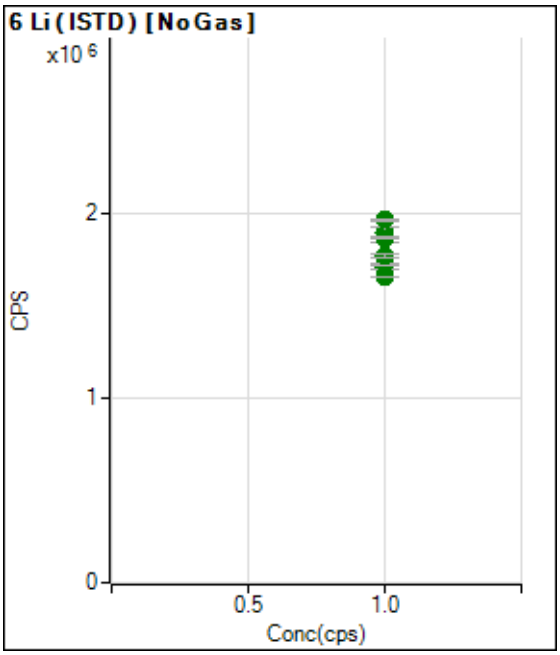
Weight: <None>
Min Conc: 0



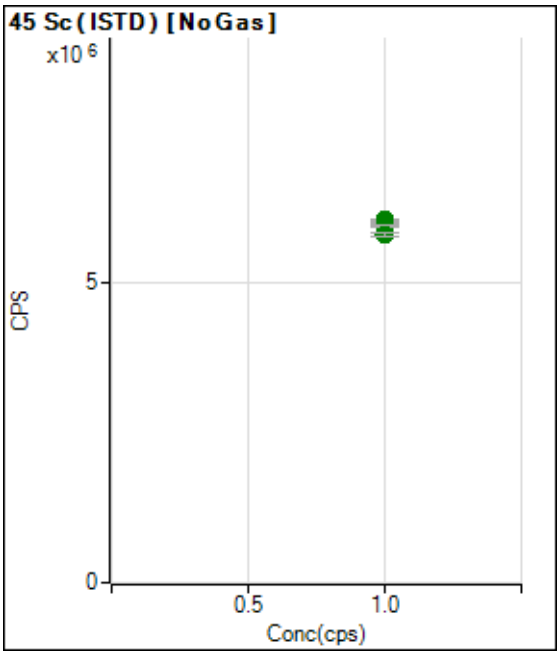
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	63.6
2	☐	1.000	0.814	20077.46	0.0029	P	0.7
3	☐	50.000	42.548	1035834.52	0.1498	P	1.0
4	☐	125.000	119.247	2944850.37	0.4197	A	2.1
5	☐	250.000	239.864	5994558.87	0.8442	A	1.2
6	☐	500.000	492.774	12423728.01	1.7344	A	0.4
7	☐	1000.000	1007.239	25267243.52	3.5451	A	1.8
8	☐			2780.33	0.0004	P	18.5

y = 0.0035 * x + 1.7910E-006
R = 0.9999
DL = 0.0009717
BEC = 0.0005089

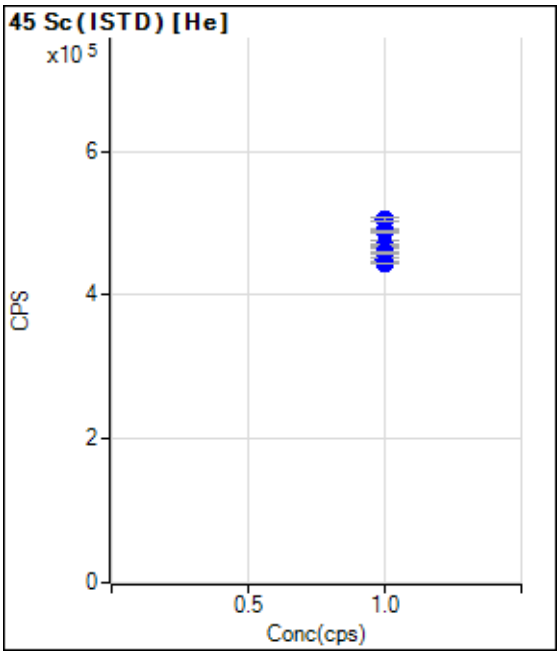
Weight: <None>
Min Conc: 0



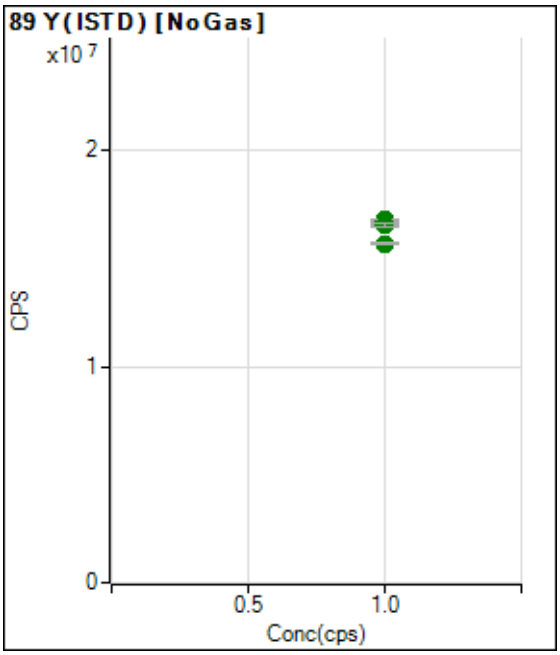
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1656520.08		A	0.2
2	☐	1.000		1708450.84		A	0.8
3	☐	1.000		1727521.75		A	0.4
4	☐	1.000		1771931.31		A	1.1
5	☐	1.000		1865796.64		A	1.7
6	☐	1.000		1902388.55		A	2.3
7	☐	1.000		1967076.06		A	0.8
8	☐	1.000		1866828.79		A	0.6



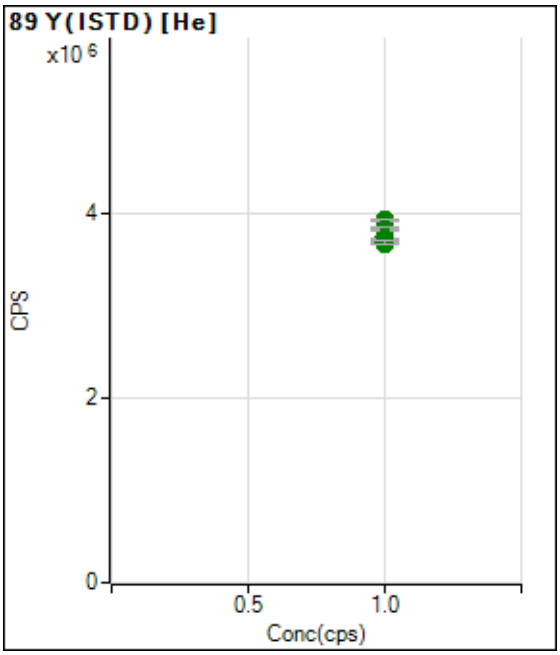
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5948536.51		A	1.1
2	☐	1.000		6007012.27		A	1.1
3	☐	1.000		6028761.99		A	0.4
4	☐	1.000		6009567.48		A	0.7
5	☐	1.000		6012398.31		A	0.2
6	☐	1.000		5941422.06		A	0.7
7	☐	1.000		5930360.33		A	0.3
8	☐	1.000		5788655.47		A	1.2



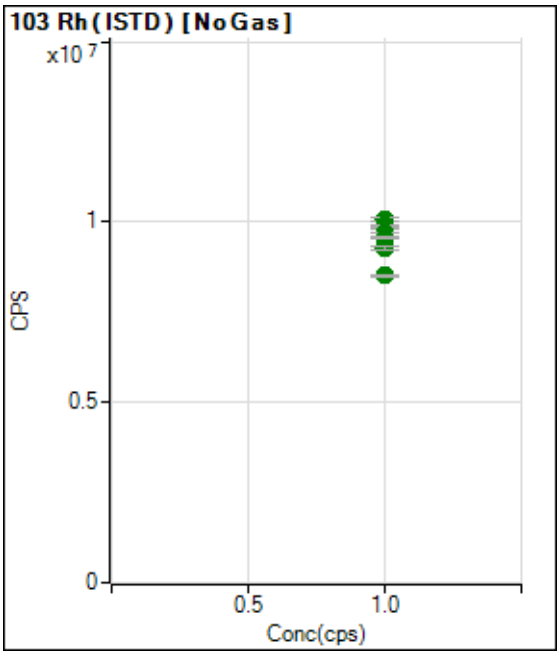
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		489940.05		P	1.0
2	☐	1.000		504753.99		P	1.2
3	☐	1.000		489208.27		P	0.5
4	☐	1.000		470992.77		P	2.6
5	☐	1.000		468746.24		P	0.7
6	☐	1.000		449841.75		P	1.5
7	☐	1.000		444228.02		P	0.4
8	☐	1.000		459146.06		P	0.5



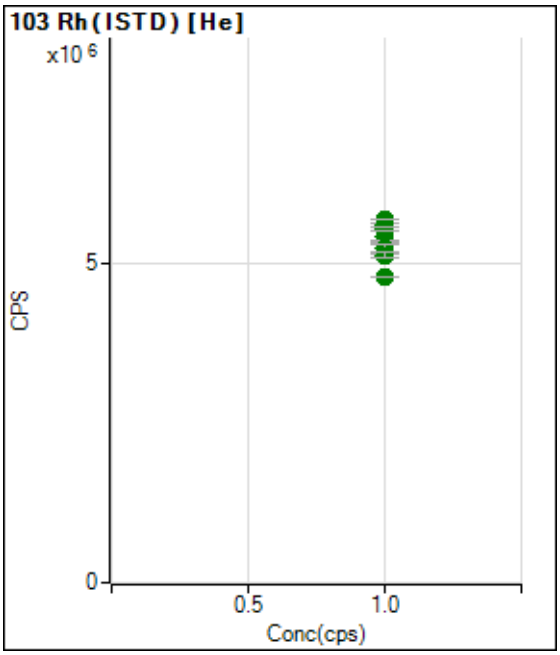
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16696741.83		A	0.6
2	☐	1.000		16790586.97		A	0.5
3	☐	1.000		16732693.22		A	0.8
4	☐	1.000		16634071.56		A	1.3
5	☐	1.000		16743017.95		A	1.0
6	☐	1.000		16575965.73		A	0.2
7	☐	1.000		16545991.84		A	1.3
8	☐	1.000		15674959.77		A	0.6



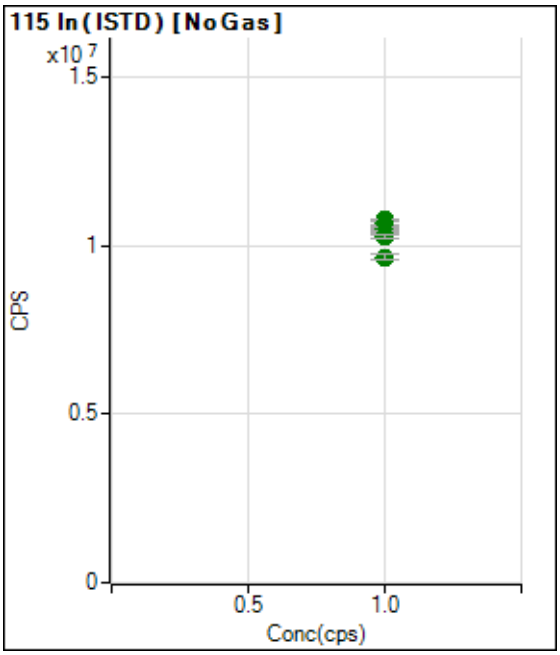
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		1.000		3845946.06		A	0.4
2		1.000		3926173.62		A	0.7
3		1.000		3835681.23		A	0.2
4		1.000		3750177.20		A	2.9
5		1.000		3718643.73		A	0.4
6		1.000		3666868.56		A	0.6
7		1.000		3659092.55		A	0.4
8		1.000		3682181.58		A	0.8



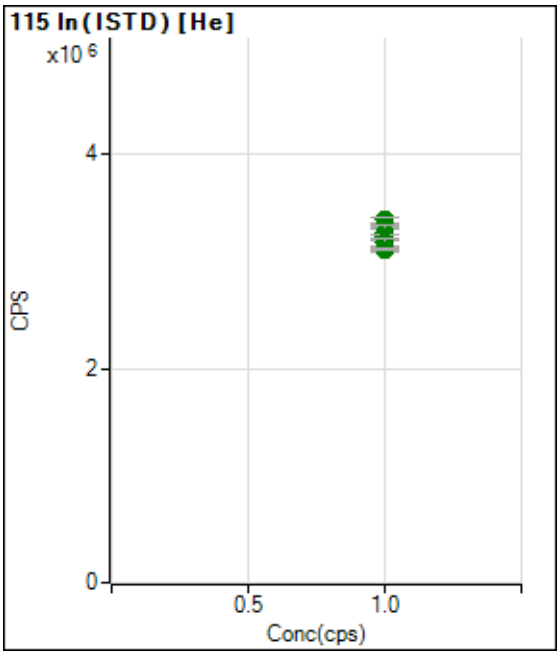
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		1.000		9936815.34		A	1.3
2		1.000		10059653.81		A	1.0
3		1.000		9828375.48		A	0.6
4		1.000		9905105.55		A	0.8
5		1.000		9700922.70		A	0.2
6		1.000		9561884.44		A	0.4
7		1.000		9275392.15		A	1.4
8		1.000		8528349.53		A	0.6



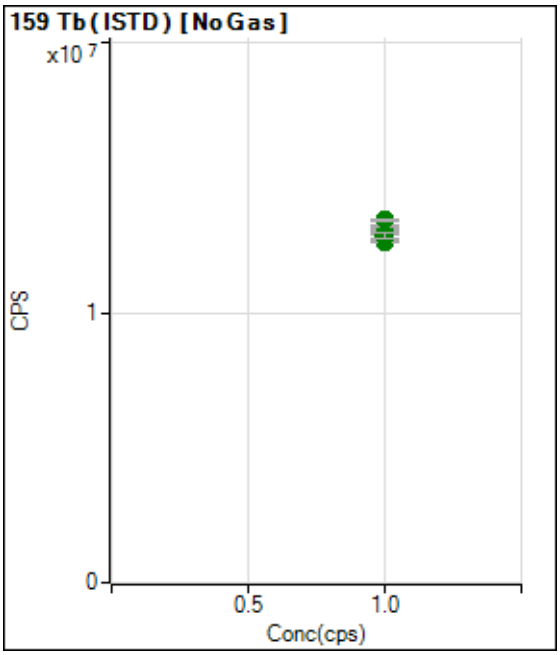
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5586310.33		A	1.1
2	☐	1.000		5677380.54		A	0.1
3	☐	1.000		5534470.75		A	1.2
4	☐	1.000		5401555.75		A	4.1
5	☐	1.000		5342943.67		A	0.9
6	☐	1.000		5228953.85		A	2.8
7	☐	1.000		5125941.31		A	1.4
8	☐	1.000		4784234.86		A	0.3



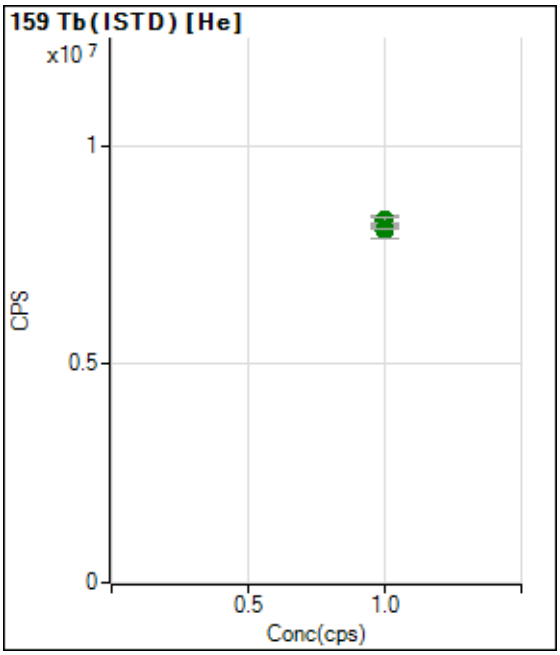
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10681300.45		A	1.1
2	☐	1.000		10774684.37		A	0.9
3	☐	1.000		10614553.66		A	0.5
4	☐	1.000		10520454.31		A	0.3
5	☐	1.000		10524805.54		A	1.2
6	☐	1.000		10414728.76		A	0.8
7	☐	1.000		10286074.85		A	0.8
8	☐	1.000		9666409.79		A	1.5



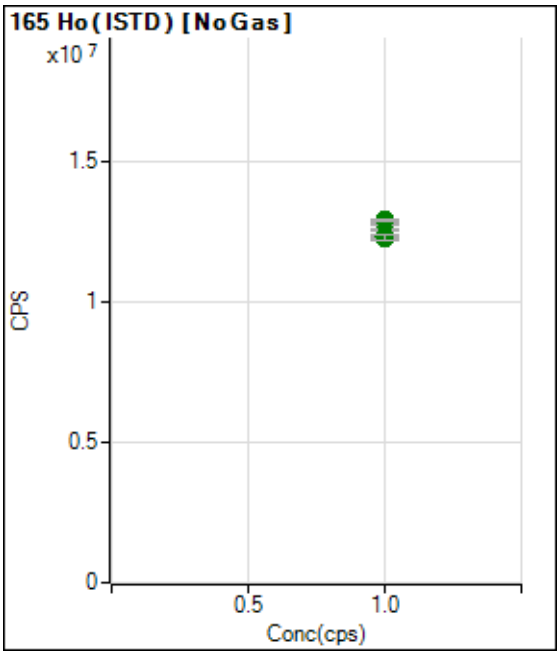
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3322431.30		A	0.9
2	☐	1.000		3390576.81		A	1.3
3	☐	1.000		3325468.64		A	0.5
4	☐	1.000		3268919.41		A	4.0
5	☐	1.000		3230103.37		A	1.2
6	☐	1.000		3177433.86		A	2.0
7	☐	1.000		3105069.54		A	0.4
8	☐	1.000		3117478.94		A	0.3



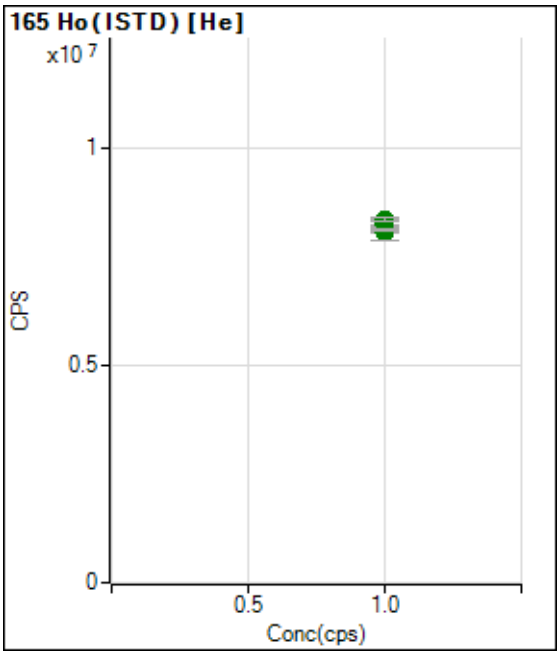
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12629059.39		A	0.6
2	☐	1.000		12822769.39		A	1.5
3	☐	1.000		13009074.67		A	0.5
4	☐	1.000		13095724.25		A	1.1
5	☐	1.000		13189083.69		A	0.7
6	☐	1.000		13211089.94		A	0.3
7	☐	1.000		13442673.13		A	0.6
8	☐	1.000		12864191.48		A	1.4



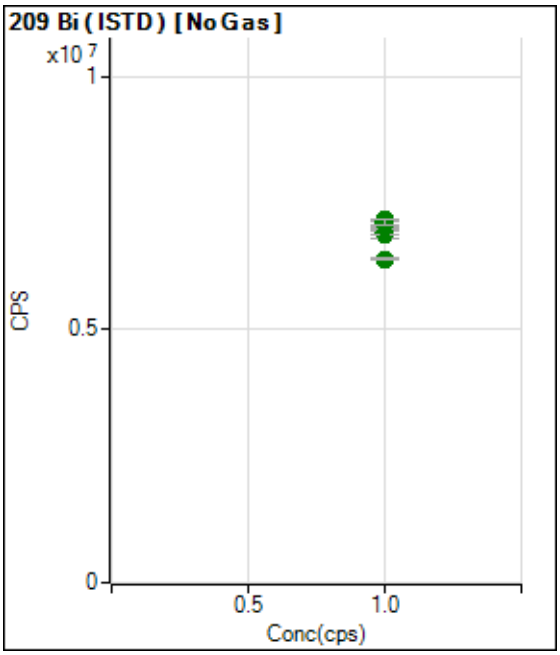
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8096573.49		A	0.5
2	☐	1.000		8169659.74		A	0.3
3	☐	1.000		8189638.56		A	1.0
4	☐	1.000		8056008.91		A	4.4
5	☐	1.000		8184606.27		A	1.2
6	☐	1.000		8274091.20		A	2.6
7	☐	1.000		8300115.99		A	1.3
8	☐	1.000		8096135.29		A	0.5



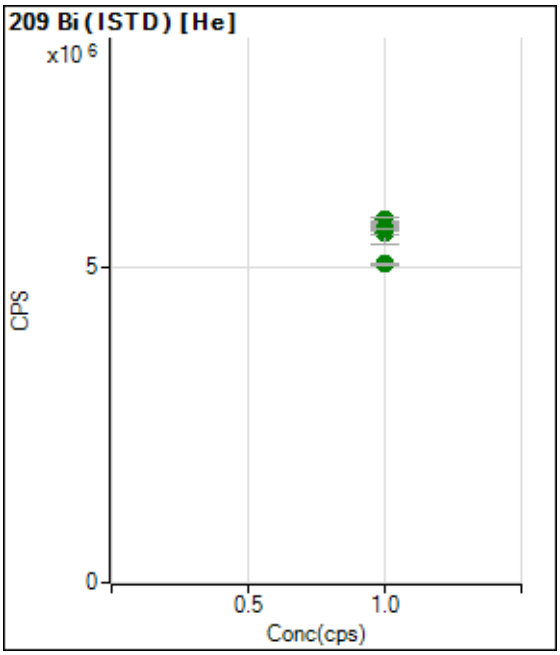
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12256231.49		A	0.8
2	☐	1.000		12229320.93		A	1.1
3	☐	1.000		12316870.93		A	1.1
4	☐	1.000		12500549.26		A	0.1
5	☐	1.000		12573827.59		A	0.8
6	☐	1.000		12762481.20		A	1.0
7	☐	1.000		12909012.31		A	0.2
8	☐	1.000		12285448.70		A	1.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8108535.85		A	0.4
2	☐	1.000		8277643.70		A	0.8
3	☐	1.000		8110543.91		A	0.9
4	☐	1.000		8065872.93		A	4.9
5	☐	1.000		8173000.57		A	0.9
6	☐	1.000		8228054.53		A	3.3
7	☐	1.000		8358928.35		A	1.1
8	☐	1.000		8122458.14		A	0.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6875812.89		A	1.8
2	☐	1.000		7005957.33		A	1.3
3	☐	1.000		6916611.42		A	1.5
4	☐	1.000		7016932.12		A	0.5
5	☐	1.000		7101109.82		A	1.1
6	☐	1.000		7163247.39		A	0.4
7	☐	1.000		7128498.37		A	1.4
8	☐	1.000		6394355.11		A	0.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5607952.90		A	1.3
2	☐	1.000		5735391.65		A	1.1
3	☐	1.000		5606627.69		A	1.0
4	☐	1.000		5519918.11		A	5.7
5	☐	1.000		5614376.83		A	0.6
6	☐	1.000		5596346.76		A	3.3
7	☐	1.000		5597859.08		A	0.4
8	☐	1.000		5033409.93		A	0.1

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7082024 MS.b
Acq. Date-Time	2024-08-20 11:29:26
Report Comment	---
Instrument Name	G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		7544	75440.82			0.456	5.000
24		108853	1088530.29			1.389	5.000
25		15043	150427.30			1.168	5.000
26		18414	184139.42			0.492	5.000
59		85147	851470.79			1.144	5.000
113		12477	124773.86			0.249	5.000
115		147203	1472030.77			0.602	5.000
206		25741	257414.23			0.587	5.000
207		22962	229617.94			0.558	5.000
208		54574	545741.64			0.859	5.000
220		1	10.00			18.371	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

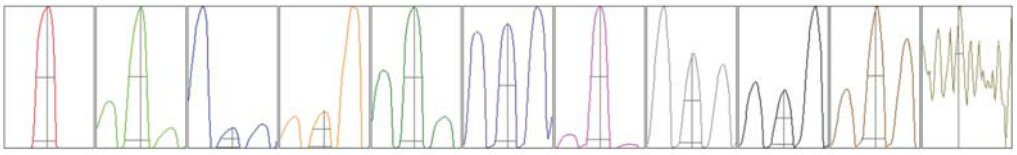
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	7524	7568	7563	7493	7572
24	106984	107684	109087	109867	110643
25	14806	14910	15119	15215	15164
26	18294	18373	18492	18395	18515
59	85264	85310	85776	85906	83478
113	12442	12457	12514	12470	12505
115	147060	146034	148508	147055	147359
206	25613	25565	25931	25823	25775
207	22779	22883	23048	23010	23089
208	54356	53908	54792	54666	55150

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	1	1	1	1	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	12592.72	8.95	8.90 - 9.10	
24	193451.91	24.00	23.90 - 24.10	
25	27333.56	25.00	24.90 - 25.10	
26	31912.28	26.00	25.90 - 26.10	
59	144161.90	58.95	58.90 - 59.10	
113	22940.12	113.00	112.90 - 113.10	
115	271904.27	115.05	114.90 - 115.10	
206	49975.17	206.05	205.90 - 206.10	
207	44469.69	207.05	206.90 - 207.10	
208	106060.52	208.05	207.90 - 208.10	
220	1.65	219.75	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.776	0.900	
24	0.60	0.822	0.900	
25	0.58	0.775	0.900	
26	0.59	0.767	0.900	
59	0.62	0.769	0.900	
113	0.55	0.721	0.900	
115	0.54	0.769	0.900	
206	0.53	0.754	0.900	
207	0.52	0.762	0.900	
208	0.53	0.767	0.900	
220	0.25			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	6.7 V	Deflect	15.8 V
Extract 2	-120.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-60 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9979	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.08		

Hardware Settings

Torch

Torch H	0.7 mm	Torch V	0.7 mm		

EM

Discriminator	4.8 mV	Analog HV	2328 V	Pulse HV	1482 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		29669	296691.82			0.709	
89		29862	298624.62			0.641	
205		28383	283826.82			0.850	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	30000	29537	29690	29672	29447
89	30117	29630	29984	29827	29755
205	28747	28364	28298	28081	28423

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.2 V	Deflect	4.0 V

US EPA Tune Check Report

Extract 2	-165.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-80 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9979	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.08		

Hardware Settings

Torch

Torch H	0.7 mm	Torch V	0.7 mm

EM

Discriminator	4.8 mV	Analog HV	2328 V	Pulse HV	1482 V